

**Manitoba Agriculture,  
Food and Rural Initiatives**

**Agriculture, Alimentation  
et Initiatives rurales Manitoba**

**Annual Report  
2012 - 2013**

**Rapport annuel  
2012 – 2013**









**MINISTER OF  
AGRICULTURE, FOOD AND RURAL INITIATIVES**

Room 165  
Legislative Building  
Winnipeg, Manitoba CANADA  
R3C 0V8

The Honourable Philip Lee  
Lieutenant-Governor of Manitoba  
Room 235 Legislative Building  
Winnipeg, Manitoba R3C 0V8

May it Please Your Honour:

I have the privilege of presenting for your review the annual report for Manitoba Agriculture, Food and Rural Initiatives for the year ending March 31, 2013.

Respectfully submitted,

*Original signed by Ron Kostyshyn*

Honourable Ron Kostyshyn  
Minister of Agriculture, Food and Rural Initiatives







**MINISTER OF  
AGRICULTURE, FOOD AND RURAL INITIATIVES**

Room 105  
Legislative Building  
Winnipeg, Manitoba CANADA  
R3C 0V8

Son Honneur l'honorable Philip Lee  
Lieutenant-gouverneur du Manitoba  
Palais législatif, bureau 235  
Winnipeg (Manitoba) R3C 0V8

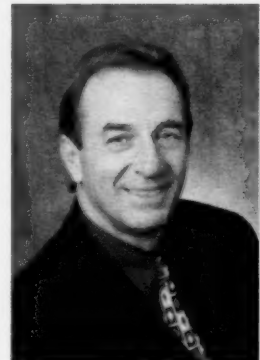
Monsieur le Lieutenant-gouverneur,

J'ai le privilège de présenter à Votre Honneur, à des fins d'examen, le rapport annuel du ministère de l'Agriculture, de l'Alimentation et des Initiatives rurales du Manitoba pour l'exercice terminé le 31 mars 2013.

Le tout respectueusement soumis.

*Original signé par Ron Kostyshyn*

Ron Kostyshyn  
Ministre de l'Agriculture, de l'Alimentation et des initiatives rurales







**Agriculture, Food  
and Rural Initiatives**

Deputy Minister of Agriculture, Food and Rural Initiatives  
Room 159  
Legislative Building  
Manitoba, Canada R3C 0V8  
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Honourable Ron Kostyshyn  
Minister of Agriculture, Food and Rural Initiatives  
Province of Manitoba

Sir,

I am pleased to present the annual report for the Department of Manitoba Agriculture, Food and Rural Initiatives for the year ending March 31, 2013.

The department's priorities for the 2012-13 fiscal year remained to position agriculture as an economic, environmental and social driver. Our focus has been on agriculture as a solution to: secure the foundation and grow the bio-economy through food and agricultural production and processing, build rural and northern communities, enhance and sustain the environment and improve wellness in rural and northern Manitoba. Programs and services through our client-focused Growing Opportunities Centres, the Manitoba Agricultural Services Corporation (MASC) and the Food Development Centre allowed us to achieve these goals in 2012-13.

This year primary agriculture moved forward from the flooding and excess moisture of 2011. Delivery of the Building and Recovery Action Plan and the Shoal Lakes Agriculture Flooding Assistance Program continued throughout 2012-13 and although there were localized weather-related challenges, the farm economy improved over the previous year.

Despite the challenges of 2011, the agriculture industry continues to be a force of productivity, prosperity and a foundation for economic development, accounting for \$3.5 billion in Gross Domestic Product (GDP) in 2012, 9% of this province's total GDP. Federally and provincially funded programs in support of prior income losses contributed approximately \$530 million to farm income. The Manitoba Farmland School Tax Rebate of 80% provided tax relief of over \$35.6 million for the 2012 tax year.

The five-year Canada/Manitoba Growing Forward Framework Agreement (GF) ended March 31 2013. In 2012-13 alone, programming to support the department's priorities resulted in an investment by Manitoba of \$9.4 million, leveraging an additional \$12.6 million in federal funding. Through the five year life of the GF agreement, Manitoba invested \$47.0 million which leveraged \$70.5 million in federal dollars to advance agriculture and food industries in the areas of competitiveness, environmental, sustainability, innovation and food safety.

On September 14, 2012, the department, along with other provincial and territorial departments of agriculture, reached agreement on the Canada/Manitoba Growing Forward 2 Framework Agreement (GF2). We are working with industry to identify priorities as programs are developed for the five year period 2013/14 to 2017/18.

The department plays a dual role of encouraging sustainable economic development and supporting government's role to protect human and animal health. In 2012-13, the department began to implement a provincial meat inspection system to replace the service previously contracted to the Canadian Food Inspection Agency. In collaboration with other government agencies, we continue to work to advance the eradication of bovine tuberculosis in the Riding Mountain Eradication Area. These activities increase the safety of our food supply, as well are critical in supporting the industry's efforts to maintain and grow both domestic and international markets.

We are continually working with industry partners, the federal government and other provincial departments to strengthen market access for Manitoba-produced commodities and value-added products. In partnership with Manitoba Entrepreneurship, Training and Trade and Agriculture and Agri-Food Canada, the department advocated against changes to the Country of Origin Labelling regulations that create trade barriers for Canadian livestock and were a part of ongoing negotiations of the Comprehensive Economic and Trade Agreement that will bring the European Union and Canada trade and investment relationship to a new level.

By investing in strategic infrastructure and research, we position primary agriculture and food processing in Manitoba to grow. In 2012-13, we invested in Diversification Centres that test new crop varieties and environmental practices to adapt to a changing climate, Manitoba Agri-Health Research Network to develop and commercialize products that promote health and wellness, research through the Agri-Food Research and Development Initiative, and the expansion of the Food Development Centre.

Manitoba has seen significant growth in processing of agricultural commodities over the past 15 years. The department continues to support value-added processing through strategic investments which resulted in the expansion of Maple Leaf Foods' processing plant in Winnipeg, Winnipeg Old Country Sausage Ltd.'s efforts to achieve federal certification to expand market to other provinces, and greater awareness and promotion of Manitoba grown and made foods through the Buy Manitoba program.

The department supported producers to create Environmental Farm Plans that set a plan of action to improve environmental performance, one farm at a time. The Manure Management Financial Assistance Program assisted the pig industry to transition to new environmental standards that protect water quality. Seventeen projects were approved for a total commitment of \$3.4 million during 2012-13.

Building a strong foundation for future producers, leaders and innovators is essential to the long term viability of the industry. We continued to support young farmers through programming that focused on innovation, management skills and market development. More than 150 young farmers benefitted from these initiatives through participation in the Keystone Agricultural Producers' Young and Beginning Farmers Conference, governance opportunities and business skills development. In addition, 68 young farmers received AgriInsurance premium credits totalling \$20.2 thousand, through MASC's Young Farmer Crop Plan Credit program.

The 4-H program is an acknowledged starting place for young farmers and rural youth as they gain leadership skills and hands-on agricultural experience. 2013 is the 100th anniversary of 4-H in Canada with Manitoba having the distinction of being the birthplace of 4-H in our country. The department continued to support 4-H delivery through funding to the Manitoba 4-H Council and in-kind support.

As our industry continues to evolve, so does the way we provide information and deliver services to our clients. To that end, we are enhancing the department's service delivery through an increased web presence, the use of video conferencing, online program applications and other web tools.

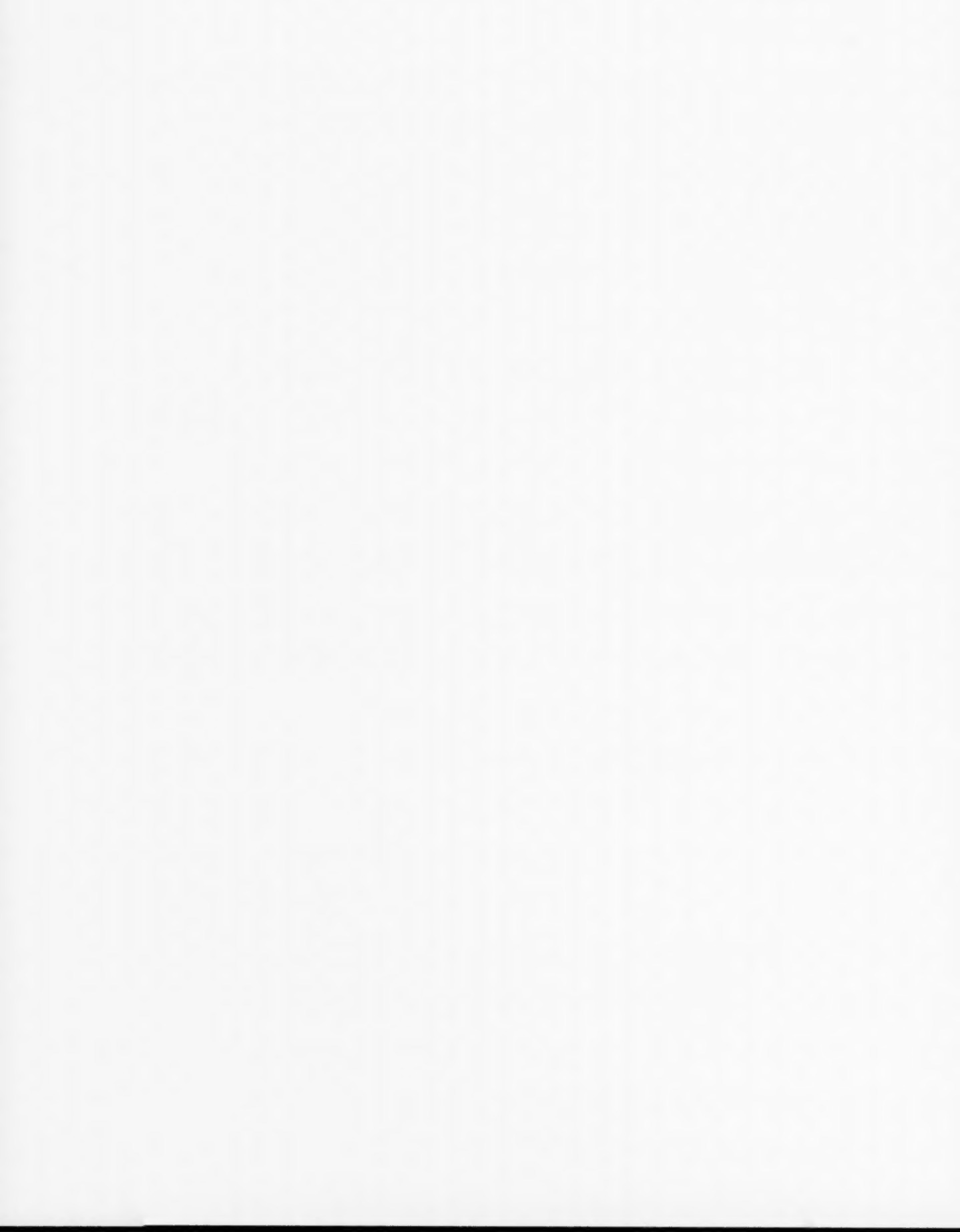
The future looks very bright for the agriculture and food sectors and rural Manitoba. Through partnerships with industry, communities and governments, the agri-food industry will continue to be a leading economic driver in Manitoba, creating jobs and wealth and contributing to strong rural communities.

Respectfully submitted,

*Original signed by Dori Gingera-Beauchemin*

Dori Gingera-Beauchemin  
A/Deputy Minister









## **Agriculture, Alimentation et Initiatives rurales**

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Monsieur Ron Kostyshyn  
Ministre de l'Agriculture, de l'Alimentation et des Initiatives rurales  
Gouvernement du Manitoba

Monsieur le Ministre,

J'ai l'honneur de vous présenter le rapport annuel du ministère de l'Agriculture, de l'Alimentation et des Initiatives rurales du Manitoba pour l'exercice terminé le 31 mars 2013.

Pendant l'exercice 2012 2013, la priorité du ministère était toujours de faire de l'agriculture une force motrice du point de vue économique, environnemental et social. Nous avons misé sur l'agriculture en tant que moyen d'appuyer la croissance de la bioéconomie sur des bases solides par la production et la transformation agricoles, de renforcer la capacité des collectivités rurales et du Nord, de maintenir et d'améliorer la qualité de l'environnement, et de favoriser le mieux être dans les régions rurales et du nord du Manitoba. Les programmes et les services de nos centres Profitons des possibilités de croissance, qui sont axés sur la clientèle, de la Société des services agricoles du Manitoba et du Centre de développement de produits alimentaires nous ont permis d'atteindre ces objectifs en 2012 2013.

Au dernier exercice, l'agriculture primaire a surmonté les problèmes dus aux inondations et à l'humidité excessive de 2011. La mise en œuvre du Plan d'indemnisation et de construction et du Programme d'aide aux producteurs agricoles touchés par les inondations dans la région des lacs Shoal s'est poursuivie tout au long de 2012 2013. Les conditions météorologiques ont causé quelques problèmes à des endroits précis, mais l'économie agricole s'est améliorée par rapport à l'exercice précédent.

Malgré les problèmes de 2011, l'industrie agricole demeure un moteur de productivité et de prospérité et un fondement du développement économique, comme le démontre sa contribution de 3,5 milliards de dollars au produit intérieur brut (PIB) en 2012, soit 9 % du PIB total de la province. Les programmes financés par les gouvernements fédéral et provincial pour diminuer les pertes de revenu antérieures ont permis d'insuffler environ 530 millions de dollars au revenu agricole. Le remboursement de la taxe scolaire applicable aux taxes agricoles de 80 % a entraîné des allègements fiscaux de plus de 35,6 millions de dollars pendant l'année d'imposition 2012.

Le cadre stratégique quinquennal Cultivons l'avenir (Canada-Manitoba) a pris fin le 31 mars 2013. En 2012 2013 seulement, les programmes de soutien aux priorités ministérielles ont amené le Manitoba à investir 9,4 millions de dollars, puis le gouvernement fédéral à injecter 12,6 millions de dollars de plus. Pendant les cinq années d'existence de Cultivons l'avenir, le Manitoba a investi 47,0 millions de dollars qui ont permis de mobiliser 70,5 millions de dollars de fonds fédéraux afin de promouvoir la compétitivité, la qualité de l'environnement, la viabilité, l'innovation et la salubrité des aliments dans l'industrie agricole et alimentaire.

Le 14 septembre 2012, le ministère, à l'instar des autres ministères de l'Agriculture des provinces et territoires, est parvenu à un accord Canada Manitoba en vue de la mise en place d'un nouveau cadre stratégique Cultivons l'avenir 2 (CA2). Nous continuons de collaborer avec l'industrie à l'établissement des priorités pendant l'élaboration des programmes pour la période de cinq ans allant de 2013 2014 à 2017 2018.

Le ministère joue un double rôle en encourageant le développement économique durable et en soutenant le gouvernement au chapitre de la protection de la santé humaine et animale. En 2012 2013, le ministère a commencé à mettre en place un système provincial d'inspection des viandes qui remplacera un service jusque là adjugé à forfait à l'Agence canadienne d'inspection des aliments. En collaboration avec d'autres organismes publics, nous continuons de progresser dans l'éradication de la tuberculose bovine dans la zone d'éradication de la tuberculose du Mont Ridging. Ces activités augmentent la sécurité de notre approvisionnement alimentaire et jouent un rôle déterminant en soutenant les efforts de l'industrie pour maintenir et accroître notre part de marché à l'échelle nationale et internationale.

Nous travaillons en permanence avec nos partenaires de l'industrie, le gouvernement fédéral et d'autres ministères provinciaux pour faciliter l'accès aux marchés des denrées et des produits à valeur ajoutée d'origine manitobaine. En partenariat avec Entrepreneuriat, Formation professionnelle et Commerce Manitoba et avec Agriculture et Agroalimentaire Canada, le ministère s'est opposé aux modifications de la réglementation sur l'étiquetage indiquant le pays d'origine qui créent des obstacles au commerce des animaux d'élevage canadiens, dont il était question dans les négociations en cours concernant l'Accord économique et commercial global qui porteront sur les relations sur le plan du commerce et des investissements entre l'Union européenne et le Canada à un autre niveau.

En investissant dans l'infrastructure stratégique et la recherche, nous favorisons la croissance de l'agriculture primaire et de la transformation alimentaire au Manitoba. En 2012 2013, nous avons investi dans les centres de recherche sur la diversification, où l'on met à l'essai de nouvelles variétés de semences et pratiques environnementales s'adaptant au changement climatique, dans le Manitoba Agri Health Research Network, en vue de développer et de commercialiser des produits favorisant la santé et le mieux être, dans l'Initiative de recherche et de développement en agroalimentaire, et dans l'agrandissement du Centre de développement de produits alimentaires.

Le Manitoba a connu une croissance importante au chapitre de la transformation des denrées agricoles ces 15 dernières années. Le ministère continue de soutenir la transformation à valeur ajoutée au moyen d'investissements stratégiques qui ont permis d'agrandir l'usine de transformation de la société Maple Leaf à Winnipeg, d'épauler la Winnipeg Old Country Sausage Ltd. dans ses efforts en vue de devenir un établissement agréé au fédéral et d'obtenir une part de marché dans les autres provinces, et de mieux faire connaître et promouvoir les aliments cultivés et produits au Manitoba dans le cadre du programme Achetez manitobain.

Le ministère a aidé les producteurs à élaborer des plans d'action environnementale à la ferme afin d'améliorer la performance environnementale de chaque exploitation agricole individuellement. Le Programme d'aide financière à la gestion des déjections animales a aidé l'industrie du porc à faire la transition pour se conformer aux nouvelles normes environnementales en matière de protection de la qualité de l'eau. En 2012 2013, 17 projets ont été approuvés, pour un engagement total de dépenses de 3,4 millions de dollars.

Afin de garantir la viabilité de l'industrie, il est primordial d'établir une fondation solide pour les producteurs, les chefs de file et les innovateurs de demain. Nous avons continué de soutenir les jeunes agriculteurs dans le cadre de programmes axés sur l'innovation, les capacités de gestion et l'évolution du marché. Plus de 150 jeunes agriculteurs ont bénéficié de ce genre d'initiatives en participant à une conférence sur les jeunes agriculteurs et agriculteurs débutants organisés par l'organisme Keystone Agricultural Producers, à des occasions de gouvernance et à des ateliers de perfectionnement des compétences en gestion des affaires. De plus, 68 jeunes agriculteurs ont obtenu des remises sur les primes du programme agri protection totalisant 20 200 \$ dans le cadre du programme de Crédit relatif aux plans de culture des jeunes agriculteurs de la Société des services agricoles du Manitoba.

Il est reconnu que le programme 4-H assure un bon départ aux jeunes agriculteurs et aux jeunes des régions rurales en leur permettant d'acquérir des compétences en leadership et une expérience pratique en agriculture. L'année 2013 marque le 100e anniversaire des 4 H au Canada et c'est au Manitoba qu'ils ont vu le jour au pays. Le ministère continue d'appuyer les programmes des 4 H en accordant un soutien financier et non financier au conseil des 4 H du Manitoba.

Notre industrie agricole continue d'évoluer, tout comme notre façon de transmettre de l'information et d'offrir des services à notre clientèle. C'est dans cette optique que le ministère améliore la prestation de ses services en augmentant sa présence sur le Web, en recourant à la vidéoconférence, en rendant possibles les demandes d'adhésion aux programmes en ligne et en se servant d'autres outils sur le Web.

L'avenir s'annonce radieux pour les secteurs de l'agriculture et de l'alimentation et le Manitoba rural. Grâce à des partenariats avec l'industrie, les collectivités et les gouvernements, l'industrie agroalimentaire continuera d'être un moteur économique déterminant au Manitoba, en créant de l'emploi et de la richesse et en contribuant à rendre les collectivités rurales plus fortes.

Le tout respectueusement soumis.

*Original signé par Dori Gingera-Beauchemin*

Dori Gingera-Beauchemin  
Sous-ministre adjointe





## **2012/13 Highlights**

### **Growing Forward (GF)**

The Canada/Manitoba Growing Forward (GF) Framework Agreement is a five year program that ended on March 31, 2013. Growing Forward is a significant investment in Manitoba supporting the agriculture and food industry and government through strategic investments and business risk management.

In 2012/13, Manitoba invested \$9.4 million in non-business risk management (BRM) GF strategic programming leveraging an additional \$12.6 million of federal funding, for a total investment of \$22.0 million. These investments were targeted to industry innovation, business development, food safety for farms, processors and distributors and the enhancing the environmental sustainability of agricultural production.

The federal/provincial business risk management programs under the GF Framework supports the long term viability of agricultural producers against short term market and weather related risks. In 2012/13 the federal and provincial governments provided funding payments of \$168.6 million for these programs, consisting of AgriInvest (\$46.0 million), AgriInsurance (\$56.6) million net of producer premiums) and AgriStability (\$66.0 million).

AgriInsurance coverage for 2012 increased in Manitoba to an all time high of \$2.4 billion on 9.6 million acres. Further enhancements to AgriInsurance were approved in 2012/13, such as the introduction of "Insurance Test Areas" on a trial basis starting in 2013. Crops that were previously not insurable in some areas (dry edible beans, grain corn, lentils, open pollinated corn, soybeans and sunflowers) are now insurable province-wide.

The department consulted with industry and built on its priorities to guide the planning for the next federal-provincial-territorial agreement. On September 14, 2012 the department, along with other provincial and territorial departments of agriculture reached agreement with the federal government on the contents of the GF 2 policy framework. The department continued to work with industry as it developed programs for GF 2 for the five year period 2013/14 to 2017/18.

### **Flood Initiatives**

Introduced in May 2011, the Flood 2011 Building and Recovery Action Plan (BRAP) helped families, producers, businesses and communities cope with flooding and build for future flood mitigation. The department and the Manitoba Agricultural Services Corporation (MASC) continued to administer these programs in 2012/13. BRAP included the Hoop and Holler Compensation Program, Lake Manitoba Financial Assistance Program, 2011 Lake Manitoba Financial Assistance Program, Lake Dauphin Emergency Flood Protection Program, Excess Moisture Economic Stimulus Program and the 2011 Dauphin River Flood Assistance Program. Flood program payments are reflected centrally in government's Emergency Expenditure appropriation.



MAFRI continued to administer the Manitoba Agriculture Infrastructure and Individual Assessment Program (MAIIAP) in response to excess moisture events in 2011. The program was designed to assist agricultural crop and livestock producers recover from flood losses related to mitigation, agricultural property and inventory that are not eligible for assistance under Disaster Financial Assistance (DFA) or BRAP.

In 2012/13 MAFRI initiated the Lake Manitoba Forage Restoration Project establishing applied research and demonstration practices that accelerate recovery of inundated forage lands. In addition, the Lake St. Martins Fishers Program and the Dauphin River Commercial Fishers Programs were introduced in 2012-13.

Departmental staff continued to work closely with the producers affected by the flooding of the Shoal Lakes. Programming included payments for lost income due to flooded land; transportation assistance for feed and animals, a voluntary buy-out component, and transitional assistance for those clients participating in the buy-out. There were 73 applications for the voluntary buyout component.

### **Food and Agri-Product Development**

The GF Innovation Suite in 2012/13 advanced a total of \$12.2 million in strategic support and industry-led innovation. Among other things these investments provided support to a number of organizations including the Food Development Centre (FDC), University of Manitoba, Prairie Agricultural Machinery Institute, crop diversification centres and the Agri-Food Research and Development Initiative (ARDI), which together serve as the foundation for Manitoba agri-food research, development and commercialization infrastructure. ARDI supported 43 projects in 2012/13 totaling \$1.8 million leveraging an additional \$3.2 million for a total investment of \$5.0 million.

The department supported further development of the meat processing industry in 2012/13. The Rural Economic Development Initiative (REDI) contributed:

- \$290 thousand towards expansion of the Maple Leaf Foods Lagimodiere Boulevard processing plant
- \$200 thousand to support Winnipeg Old Country Sausage Ltd.'s work to pursue federal certification, positioning the company to increase its market through interprovincial trade. The REDI investment leveraged \$133.3 thousand from the federal government's National Meat Hygiene Pilot Project Program in 2012/13.

Manitoba provided \$394.4 thousand to the *Buy Manitoba Program* to support local market development. The contribution represents the third year of a five year commitment. The *Buy Manitoba Program* is operated by the Manitoba Food Processors Association. The *Buy Manitoba Program* public awareness campaign was launched April 26, 2012 in partnership with the 33 Canada Safeway stores across Manitoba. This launch included the deployment of radio, television and outdoor advertising in addition to the signage program that identified 1,000 locally-made food items in each of the Canada Safeway stores in Manitoba. The [buymanitobafoods.ca](http://buymanitobafoods.ca) website was launched and visited approximately 5,500 times per month by an average of 4,400 unique visitors.

Manitoba Consumer Monitor Food Panel administered five surveys during 2012/13 to 4,000 participants to support consumer behavior research of government and private enterprise.

FDC's clients launched 11 new food products into the retail service markets in Manitoba. Products included novel ingredients such as hemp, millet, seabuckthorn leaves, wild rice and birch syrup. Retail sales of products manufactured at FDC approached \$1.2 million.

### **Food Safety, Animal Health and Welfare**

The GF Food Safety Suite provided nearly \$4.9 million towards projects improving food safety and traceability on-farm and post-farm in 2012/13.

MAFRI started implementing a plan to take over meat inspection services in provincial abattoirs from the Canadian Food Inspection agency (CFIA) by December 31, 2013. Manitoba, Saskatchewan, Alberta and British Columbia formed the Western Canadian Meat Inspection Network to facilitate a common approach to meat inspection in Western Canada and to leverage off of each other's resources and expertise.

MAFRI continues to promote the eradication of bovine tuberculosis (TB) in the Riding Mountain Eradication Area (RMEA) in collaboration with other government agencies and stakeholders through groups such as the TB Task Group, Expert Working Group and Senior Officials Forum. A bovine TB co-ordinator was hired by CFIA in January 2013 for the Riding Mountain (TB) Eradication Area. The co-ordinator's role is to provide co-ordination and consultation between stakeholders.

In the 2012/13 fiscal year, the department conducted 600 animal welfare inspections for 444 cases, resulting in 13 animal seizures (nine food animals, four companion animals) and 49 voluntary surrenders.

Veterinary Diagnostic Services conducted 127,528 tests of which 108,305 were designated for food animals as part of the department's disease surveillance.

The construction of the Foreign Animal Disease laboratory has been completed. MAFRI is working with CFIA on certification.

MAFRI continued to provide food safety training to food processors and related stakeholders, in 2012/13, delivering 26 training sessions with 2,640 attendees trained. In addition, MAFRI provided funding of \$246.0 thousand to 29 post farm food safety projects including Good Manufacturing Practices and Hazard Analysis and Critical Control Point Programs.

### **Agricultural Production and Marketing**

MAFRI supports the crop and livestock production through its Growing Opportunities (GO) Centres. Examples of outreach programming include:

- the 2012 Manitoba Beef and Forage Days at five locations with approximately 350 producers in attendance
- a two day training event in co-ordination with the Manitoba Sheep Association
- the 2012 Hog & Poultry Days with approximately 1,000 in attendance
- the 2013 Manitoba Swine Seminars with approximately 345 in attendance
- the 2012 Ranchers Forum with more than 150 in attendance
- Manitoba Agronomists Conference,
- Ag Days – with 35,000 in attendance

- Special Crops Symposium
- Horticultural Diagnostic School
- Crop Diagnostic School
- Soil Fertility Workshops
- Pest and Disease forecasting, monitoring and reporting
- Crop variety evaluation in the Seed Manitoba publication
- The Guide to Field Crop Protection
- Commodity, Crop and Weather reports.

County of Origin Labelling (COOL) regulations in the United States continued to impact on market opportunities and prices for Manitoba livestock producers. MAFRI continued to advocate for the removal of COOL through advocacy messaging with US legislative and regulatory officials.

More than 150 young farmers were supported through the initiatives of MAFRI and Keystone Agricultural Producers Young Farmers, including the Young and Beginning Farmers Conference, discussion groups, governance opportunities and business management skills development. In addition, MASC provided \$20.0 thousand in Young Farmer Crop Plan premium credits to 68 young farmers who enrolled in AgriInsurance for the first time and another \$1.5 million in Young Farmer Rebate benefits was provided to young farmers.

MAFRI's Diversification Centres completed 178 research trials supporting crop diversification.

MAFRI continued to provide real-time and archived weather data through 45 weather station sites throughout southern Manitoba. These stations provided weather data to support farm production decisions, flood and drought monitoring and forecasting for provincial planning purposes.

MAFRI continued to participate in monitoring and reporting on established new and invasive weeds, pests and diseases as well as participating in the Prairie Pest Monitoring Network.

Changes to the Canadian Wheat Board Act effective August 1, 2012 provided new opportunities and challenges for Manitoba farmers and the grain industry. MAFRI provided support through the development of potential strategies to assist the industry to transition to the new deregulated environment for the CWB, including delivering grain marketing seminars in Minnedosa and Teulon. MAFRI provided advisory support for the formation of the Manitoba Wheat and Barley Growers Association.

MASC provided \$139.2 million in new loans and loan guarantees that facilitated another \$76.8 million in private sector agricultural loans. As of March 31, 2013, MASC's portfolio of loans and loan guarantees totaled \$670.6 million.

As of March 31, 2013 the Farmland School Tax Rebate paid \$35.6 million in 2012 tax year rebates, which directly increased net farm income.



## **Environment**

During 2012/13, GF Environment Suite invested a total of \$3.4 million in environmental programming with an emphasis on implementing beneficial management practices through the Environmental Farm Action Program (EFAP). Staff reviewed 290 applications under the EFAP and 27 projects were approved for \$2.4 million.

MAFRI and industry organizations worked with the University of Manitoba and the Manitoba Livestock Manure Management Initiative to improve phosphorus balance on farm. The Canadian Fertilizer Institute, KAP and the Manitoba government signed a 4R (Right fertilizer source, at the Right rate at the Right time in the Right place) Nutrient Stewardship memorandum of understanding that formalized a commitment to support agriculture production and environmental protection through improved fertilizer use.

The Manure Management Financial Assistance Program (MMFAP) is federal/provincial investment to help livestock producers prepare for nutrient management regulations. In 2012/13 there were 26 applications under MMFAP and 17 projects were approved for \$3.4 million.

MAFRI supported environmental programming through a number of initiatives including delivery of 51 workshops on topics such as Fertility Management, Crop Residue Management, Riparian Management, Water Management, Healthy Environment and Healthy Water.

Soil survey reports were completed in the Rural Municipalities of Killarney-Turtle Mountain, Blanshard, Ritchot and Springfield.

MAFRI worked with landowners and conservation districts to explore the use of market-based instruments for program delivery and utilization of decision tools to secure Ecological Goods and Services (EG&S) from agricultural landscapes.

## **Rural Economic Development**

The GF Business Development Suite provided over \$1.4 million towards projects supporting business development.

The Manitoba Biomass Energy Support Program supported eight rural and one Winnipeg business with \$300 thousand to replace 5,000 tonnes of coal with biomass fuel.

MAFRI staff advised over 350 clients on business development projects.

The Hometown Manitoba program approved 128 projects representing \$232.0 thousand in financial support. Program funding leveraged an additional \$1.7 million from rural communities, organizations, co-operatives and businesses, resulting in capital investment in rural and northern communities of \$1.9 million.

REDI contributed \$1.8 million to the Green Team Program which enabled 324 youth to work in Manitoba parks and 556 youth employment opportunities in rural communities.

REDI contributed \$291.5 thousand to the Partners with Youth Program which enabled communities to provide valuable work experience for 405 youth involved in 19 projects across rural Manitoba.

The Rural Entrepreneur Assistance Program approved 28 loan guarantees in 2012/13 enabling \$3.4 million in new loans to small rural businesses, creating the equivalent of 79.5 full time jobs.

An investment of \$109.5 thousand was provided to the Community Economic Development Fund for the delivery of REDI programs in northern communities.

The Keystone Centre received \$375 thousand towards operations ensuring that the Centre maintains its status as one of Western Canada's premier conference centres.

The department supported the leadership and skills development of 2,179 4-H members in 2,548 projects in 154 4-H clubs. Manitoba provides in-kind support and funding of more than \$185,000 annually to 4-H programming.

## **Points saillants en 2012-2013**

### **Cultivons l'avenir**

Le cadre stratégique quinquennal Cultivons l'avenir (Canada-Manitoba) a pris fin le 31 mars 2013. Cultivons l'avenir est un investissement important au Manitoba, car il appuie l'industrie agricole et alimentaire ainsi que le gouvernement au moyen d'investissements stratégiques et de la gestion des risques commerciaux.

En 2012-2013, le Manitoba a investi 9,4 millions de dollars dans des programmes de gestion des risques non commerciaux liés à Cultivons l'avenir, ce qui a amené le gouvernement fédéral à injecter 12,6 millions de dollars de plus, pour un investissement total de 22,0 millions de dollars. Ces fonds ont été consacrés à l'innovation dans l'industrie, à l'expansion des entreprises, aux normes de salubrité des aliments pour les producteurs, les transformateurs et les distributeurs, et à l'amélioration de la durabilité environnementale de la production agricole.

Les programmes fédéraux-provinciaux de gestion des risques commerciaux instaurés dans le cadre de Cultivons l'avenir protègent la viabilité à long terme des producteurs agricoles contre les fluctuations du marché à court terme et les risques liés aux conditions météorologiques. En 2012-2013, les gouvernements fédéral et provincial ont versé des contributions atteignant 168,6 millions de dollars, réparties entre les programmes Agri-investissement (46,0 millions de dollars), Agri-Protection (56,6 millions de dollars nets des primes versées par les producteurs) et Agri-stabilité (66 millions de dollars).

En 2012, le programme Agri-protection a atteint un sommet de 2,4 milliards de dollars pour 9,6 millions d'acres assurés. De nouvelles améliorations au programme ont été approuvées en 2012-2013 comme l'établissement, à titre d'essai, de « nouvelles régions d'essais d'assurance » à partir de 2013. Les cultures qui étaient auparavant non assurables dans certains domaines (haricots secs comestibles, maïs grain, lentilles, maïs à pollinisation libre, soja et tournesol) sont maintenant assurables dans l'ensemble de la province.

Après consultation avec l'industrie, le ministère s'est fixé des priorités pour orienter la planification d'une nouvelle entente fédérale-provinciale-territoriale. Le 14 septembre 2012, le ministère, à l'instar des autres ministères de l'Agriculture des provinces et territoires, est parvenu à un accord avec le gouvernement fédéral sur le contenu du cadre stratégique Cultivons l'avenir 2. Le ministère a continué de collaborer avec l'industrie à l'élaboration de programmes dans le cadre de Cultivons l'avenir 2 pour la période de cinq ans allant de 2013-2014 à 2017-2018.

### **Initiatives liées à la lutte contre les inondations**

Adopté en mai 2011, le Plan d'indemnisation et de construction à la suite de l'inondation de 2011 a aidé les familles, les producteurs, les entreprises et les collectivités à faire face aux inondations et à mettre en place des mesures d'atténuation des inondations futures. Le ministère et la Société des services agricoles du Manitoba ont continué d'administrer ces programmes en 2012-2013. Le Plan regroupait le Programme d'indemnisation pour les sinistrés de la brèche contrôlée à Hoop and Holler Bend, le Programme d'aide financière pour les sinistrés des inondations du lac Manitoba, le Programme de protection d'urgence contre les inondations du lac Dauphin, le Programme de stimulation économique dans les régions touchées par l'humidité excessive et le programme d'aide pour les sinistrés des inondations de

la rivière Dauphin. Les paiements consentis dans le cadre de ces programmes apparaissent de manière centralisée dans les crédits affectés aux dépenses d'urgence du gouvernement.

Le ministère a continué d'administrer le Programme manitobain d'évaluation et d'indemnisation des pertes en réponse aux problèmes causés par l'humidité excessive en 2011. Le programme a été créé afin d'aider les producteurs agricoles et les éleveurs à se remettre des pertes dues aux inondations liées aux mesures d'atténuation, à la propriété agricole et à l'inventaire qui ne sont pas admissibles au Programme d'aide financière aux sinistrés ou au Plan d'indemnisation et de construction à la suite de l'inondation de 2011.

En 2012-2013, le ministère a mis sur pied le programme d'aide au rétablissement des cultures fourragères du lac Manitoba, qui mise sur la recherche appliquée et des projets de démonstration pour accélérer le rétablissement des terres fourragères inondées, ainsi que le programme d'aide aux pêcheurs du lac St. Martins et le programme d'aide aux pêcheurs commerciaux de la rivière Dauphin.

Le personnel du ministère continue de travailler étroitement avec les producteurs affectés par l'inondation des lacs Shoal. Les initiatives adoptées comprennent des paiements pour compenser les pertes de revenu dues aux terres inondées, l'aide au transport des animaux et du fourrage, une option de rachat volontaire et une aide transitoire à ceux qui se prévalent de cette option. L'option de rachat volontaire a fait l'objet de 73 demandes.

### **Développement des produits alimentaires et agricoles**

En 2012-2013, le volet innovation de Cultivons l'avenir a avancé 12,2 millions de dollars destinés au soutien stratégique et à l'innovation menée par l'industrie. Parmi les organismes ayant bénéficié de cette aide, mentionnons le Centre de développement des produits alimentaires, l'Université du Manitoba, l'Institut de la machinerie agricole des Prairies, les centres de recherche sur la diversification des cultures et l'Initiative de recherche et de développement en agroalimentaire qui, ensemble, forment le cœur de l'infrastructure du Manitoba en matière de recherche, de développement et de commercialisation de l'agroalimentaire. En 2012-2013, l'Initiative de recherche et de développement en agroalimentaire a appuyé 43 projets totalisant 1,8 million de dollars, ce qui a permis de mobiliser 3,2 millions de dollars de plus pour un investissement total de 5,0 millions de dollars.

En 2012-2013, le ministère a soutenu la poursuite de l'expansion de l'industrie de la transformation de la viande par des contributions dans le cadre de l'Initiative de développement économique rural en accordant :

- 290 000 \$ pour l'agrandissement de l'usine de transformation de la société Maple Leaf sur le boulevard Lagimodière;
- 200 000 \$ en guise de soutien à la Winnipeg Old Country Sausage Ltd. dans ses efforts en vue de devenir un établissement agréé au fédéral et d'obtenir une part du marché interprovincial. Cet investissement a permis de mobiliser 133 300 \$ du gouvernement fédéral dans le cadre de son projet pilote national sur l'hygiène des viandes.

Le Manitoba a alloué 394 400 \$ au *programme Achetez manitobain*, en appui au développement du marché local. Cette contribution représente la troisième année d'un engagement de cinq ans. Le programme *Achetez manitobain* est exploité par la Manitoba Food Processors Association. Cette campagne de sensibilisation du public a été lancée le 26 avril 2012, en partenariat avec les 33 magasins Canada Safeway du Manitoba. Le lancement comprenait des publicités à la radio, à la télévision et à l'extérieur, ainsi qu'un programme de

signalisation de 1 000 produits alimentaires locaux vendus dans chacun des magasins Canada Safeway au Manitoba. On a aussi créé le site Web [buymanitobafoods.ca](http://buymanitobafoods.ca), qui est consulté environ 5 500 fois par mois par une moyenne de 4 400 visiteurs uniques.

Le Manitoba Consumer Monitor Food Panel a mené cinq sondages auprès de 4 000 participants en 2012-2013 en appui aux études sur le comportement des consommateurs menées par le gouvernement et le secteur privé.

Les clients du Centre de développement de produits alimentaires ont lancé 11 nouveaux produits alimentaires sur le marché du détail au Manitoba. Ces produits contenaient de nouveaux ingrédients comme le chanvre, le millet, les feuilles d'argousier, le riz sauvage et le sirop de merisier. Le volume des ventes au détail de produits fabriqués au Centre a atteint presque 1,2 million de dollars.

### **Salubrité des aliments, santé et bien-être des animaux**

En 2012-2013, le volet salubrité des aliments de Cultivons l'avenir a fourni près de 4,9 millions de dollars à des projets visant à améliorer la salubrité et la traçabilité des aliments à la ferme et en aval.

Le ministère a entrepris la mise en œuvre d'un plan en vue d'assurer les services d'inspection des viandes dans les abattoirs provinciaux à la place de l'Agence canadienne d'inspection des aliments (ACIA) d'ici le 31 décembre 2013. Le Manitoba, la Saskatchewan, l'Alberta et la Colombie-Britannique ont établi un réseau (Western Canadian Meat Inspection Network) afin d'établir une approche commune en ce qui a trait à l'inspection des viandes et de mettre à profit leurs ressources et leur savoir-faire.

Le ministère poursuit ses efforts d'éradication de la tuberculose bovine dans la zone d'éradication de la tuberculose du Mont-Riding en collaboration avec d'autres organismes publics et des intervenants comme le groupe de travail sur la tuberculose bovine, le groupe d'experts et le forum formé de cadres supérieurs. En janvier 2013, l'ACIA a nommé un coordonnateur des efforts d'éradication de la tuberculose bovine dans la zone d'éradication de la tuberculose du Mont-Riding. Son rôle sera d'assurer la coordination et une concertation entre les intervenants.

Au cours de l'exercice 2012-2013, le ministère a procédé à 600 inspections visant à évaluer le bien-être de 444 animaux, ce qui a mené à la saisie de 13 animaux (neuf animaux destinés à l'alimentation et quatre animaux de compagnie) et à la remise volontaire de 49 animaux.

Le laboratoire de services de diagnostic vétérinaire a effectué 127 528 tests, dont 108 305 concernaient des animaux destinés à l'alimentation dans le cadre du programme de surveillance des maladies du ministère.

La construction du laboratoire des maladies animales exotiques est terminée. Le ministère collabore actuellement avec l'ACIA en ce qui a trait à l'attestation.

Le ministère continue d'offrir une formation sur la salubrité des aliments aux transformateurs alimentaires et aux autres intervenants concernés. En 2012-2013, il a donné 26 séances de formation regroupant 2 640 participants. De plus, le ministère a accordé 246 000 \$ à 29 projets de salubrité des aliments en aval de la ferme, qui comprenaient des programmes liés aux bonnes pratiques de fabrication et à l'analyse des risques au point critique.



## **Production et commercialisation agricoles**

Le ministère appuie la production agricole et animale par l'entremise de ses centres Profitons des possibilités de croissance. Voici quelques exemples de programmes de sensibilisation offerts :

- 2012 Manitoba Beef and Forage Days, tenus dans cinq lieux différents, qui ont attiré environ 350 producteurs;
- formation de deux jours en collaboration avec la Manitoba Sheep Association;
- 2012 Hog & Poultry Days, qui ont attiré environ 1 000 personnes;
- 2013 Manitoba Swine Seminars, qui ont attiré environ 345 personnes;
- 2012 Ranchers Forum, qui a attiré plus de 150 participants;
- Manitoba Agronomists Conference;
- journées agricoles du Manitoba, qui ont attiré 35 000 participants;
- Special Crops Symposium;
- Horticultural Diagnostic School;
- Crop Diagnostic School;
- ateliers sur la fertilité du sol;
- prévision, surveillance et signalement des parasites et des maladies;
- évaluation de la variété des cultures dans la publication Seed Manitoba;
- The Guide to Field Crop Protection;
- rapports sur les marchandises, les cultures et la météo.

La réglementation en matière d'étiquetage indiquant le pays d'origine en vigueur aux États-Unis continue de se répercuter sur les débouchés commerciaux et les prix pour les éleveurs de bétail du Manitoba. Le ministère a continué de faire des pressions pour le retrait de cette réglementation en envoyant des messages en ce sens auprès des responsables de la législation et de la réglementation aux É.-U.

Plus de 150 jeunes agriculteurs ont reçu un coup de main dans le cadre d'initiatives lancées par le ministère et l'organisme Keystone Agricultural Producers, qui comprenaient une conférence sur les jeunes agriculteurs et agriculteurs débutants, des groupes de discussion, des occasions de gouvernance et des ateliers de perfectionnement des compétences en gestion des affaires. De plus, le ministère a accordé 20 000 \$ en remises de primes en vertu du programme de Crédit relatif aux plans de culture des jeunes agriculteurs à 68 jeunes qui avaient souscrit pour la première fois au programme Agri-protection, et 1,5 million de dollars en Abattement pour jeunes agriculteurs.

Les centres de recherche sur la diversification des cultures du ministère ont procédé à 178 essais de recherche en appui à la diversification des cultures.

Le ministère a continué de fournir des données en temps réel et des données archivées sur les conditions météorologiques recueillies dans ses 45 stations météorologiques réparties dans tout le sud du Manitoba. Ces données météo sont prises en compte dans les décisions en matière de production agricole, dans la surveillance des inondations et des conditions de sécheresse et dans les prévisions aux fins de planification provinciale.

Le ministère a continué de surveiller les plantes envahissantes, les maladies et les ravageurs établis ou récemment introduits et d'assurer un suivi à cet égard, et de faire partie du Prairie Pest Monitoring Network.

Les modifications à la *Loi sur la Commission canadienne du blé*, en vigueur depuis le 1<sup>er</sup> août 2012, ont à la fois ouvert de nouvelles possibilités et posé des difficultés pour les agriculteurs et l'industrie céréalière du Manitoba. Le ministère a accordé son soutien en élaborant des stratégies pour aider l'industrie à s'adapter au nouvel environnement déréglementé en ce qui a trait à la CCB, notamment en donnant des séminaires sur la commercialisation des céréales à Minnedosa et Teulon. Le ministère a fourni un soutien consultatif à la formation donnée par la Manitoba Wheat and Barley Growers Association.

Le ministère a accordé des prêts et des garanties de prêt s'élevant à 139,2 millions de dollars, ce qui a amené le secteur privé à offrir à son tour des prêts agricoles de l'ordre de 76,8 millions de dollars. Au 31 mars 2013, le portefeuille de prêts et de garanties de prêt du ministère totalisait 670,6 millions de dollars.

Au 31 mars 2013, le remboursement de la taxe scolaire applicable aux taxes agricoles s'établissait à 35,6 millions de dollars pour l'année d'imposition 2012, ce qui s'est traduit par une augmentation directe du revenu agricole.

## **Environnement**

En 2012-2013, le volet environnement de Cultivons l'avenir a investi en tout 3,4 millions de dollars dans des programmes environnementaux en mettant l'accent sur l'adoption de pratiques de gestion bénéfiques dans le cadre du Programme d'action environnementale en agriculture. Le personnel a examiné 290 demandes en vertu de ce programme et approuvé un financement de 2,4 millions de dollars pour 27 projets.

Le ministère et les organismes de l'industrie ont collaboré avec l'Université du Manitoba et l'organisme Manitoba Livestock Manure Management Initiative à l'amélioration de l'équilibre en phosphore à la ferme.

L'Institut canadien des engrais, l'organisme Keystone Agricultural Producers et le gouvernement du Manitoba ont signé un protocole d'entente sur la gérance des nutriments qui donnait suite à l'engagement de soutenir la production agricole et la protection de l'environnement par une utilisation judicieuse des engrais.

Le Programme d'aide financière à la gestion des déjections animales est une initiative fédérale-provinciale visant à aider les éleveurs de bétail à se préparer en vue de l'adoption de la réglementation sur la gestion des nutriments. En 2012-2013, on a examiné 26 demandes en vertu de ce programme et approuvé un financement de 3,4 millions de dollars pour 17 projets.

Le ministère a soutenu des programmes environnementaux dans le cadre d'un certain nombre d'initiatives, dont la tenue de 51 ateliers portant sur des sujets comme la gestion de la fertilité des sols, la gestion des résidus de culture, la gestion des milieux riverains, la gestion de l'eau ainsi que la qualité de l'environnement et de l'eau.

On a terminé les rapports sur l'état des sols dans les municipalités rurales de Killarney-Turtle Mountain, Blanshard, Ritchot et Springfield.

En collaboration avec les propriétaires fonciers et les districts de conservation, le ministère a étudié la possibilité d'utiliser des instruments fondés sur le marché pour la prestation des programmes et le choix des outils de décision en vue d'obtenir des biens et services écologiques provenant des terres agricoles.

## **Développement économique en milieu rural**

Le volet développement commercial de Cultivons l'avenir a fourni plus de 1,4 million de dollars pour des projets favorisant le développement commercial.

Le Programme de promotion de la bioénergie du Manitoba a accordé 300 000 \$ pour aider huit entreprises des régions rurales et une entreprise de Winnipeg à remplacer 5 000 tonnes de charbon par du biocombustible.

Le personnel du ministère a conseillé plus de 350 clients relativement à des projets de développement commercial.

Le programme Fiers chez nous a approuvé 128 projets qui ont bénéficié d'une aide financière de 232 000 \$, ce qui a généré un montant additionnel de 1,7 million de dollars provenant de collectivités, d'organismes, de coopératives et d'entreprises des régions rurales, pour un investissement en capital de 1,9 million de dollars dans les collectivités rurales et du Nord.

L'Initiative de développement économique rural a accordé 1,8 million de dollars au programme Équipe verte, ce qui a permis à 324 jeunes de travailler dans des parcs du Manitoba et à 556 autres de saisir des possibilités d'emploi offertes dans les collectivités rurales.

L'Initiative de développement économique rural a accordé 291 500 \$ au programme Partenaires des jeunes, ce qui a permis à 405 jeunes engagés dans 19 projets à la grandeur du Manitoba rural d'acquérir une expérience de travail enrichissante.

En 2012-2013, le Programme d'aide aux entrepreneurs ruraux a approuvé 28 garanties de prêt, ce qui a dégagé 3,4 millions de dollars de nouveaux prêts aux petites entreprises rurales et permis de créer l'équivalent de 79,5 emplois à plein temps.

Un montant de 109 500 \$ a été consenti au Fonds de développement économique local, pour la prestation des programmes de l'Initiative de développement économique rural dans les collectivités du Nord.

Le Centre Keystone a reçu 375 000 \$ à des fins de fonctionnement, pour qu'il puisse continuer d'être reconnu comme l'un des principaux centres de congrès de l'Ouest canadien.

Le ministère a soutenu la formation sur le leadership et le perfectionnement des compétences donnée à 2 179 membres des 4-H dans le cadre de 2 548 projets mis en œuvre dans 154 clubs 4-H. Chaque année, le Manitoba fournit une aide financière et non financière de plus 185 000 \$ pour appuyer les programmes des 4-H.



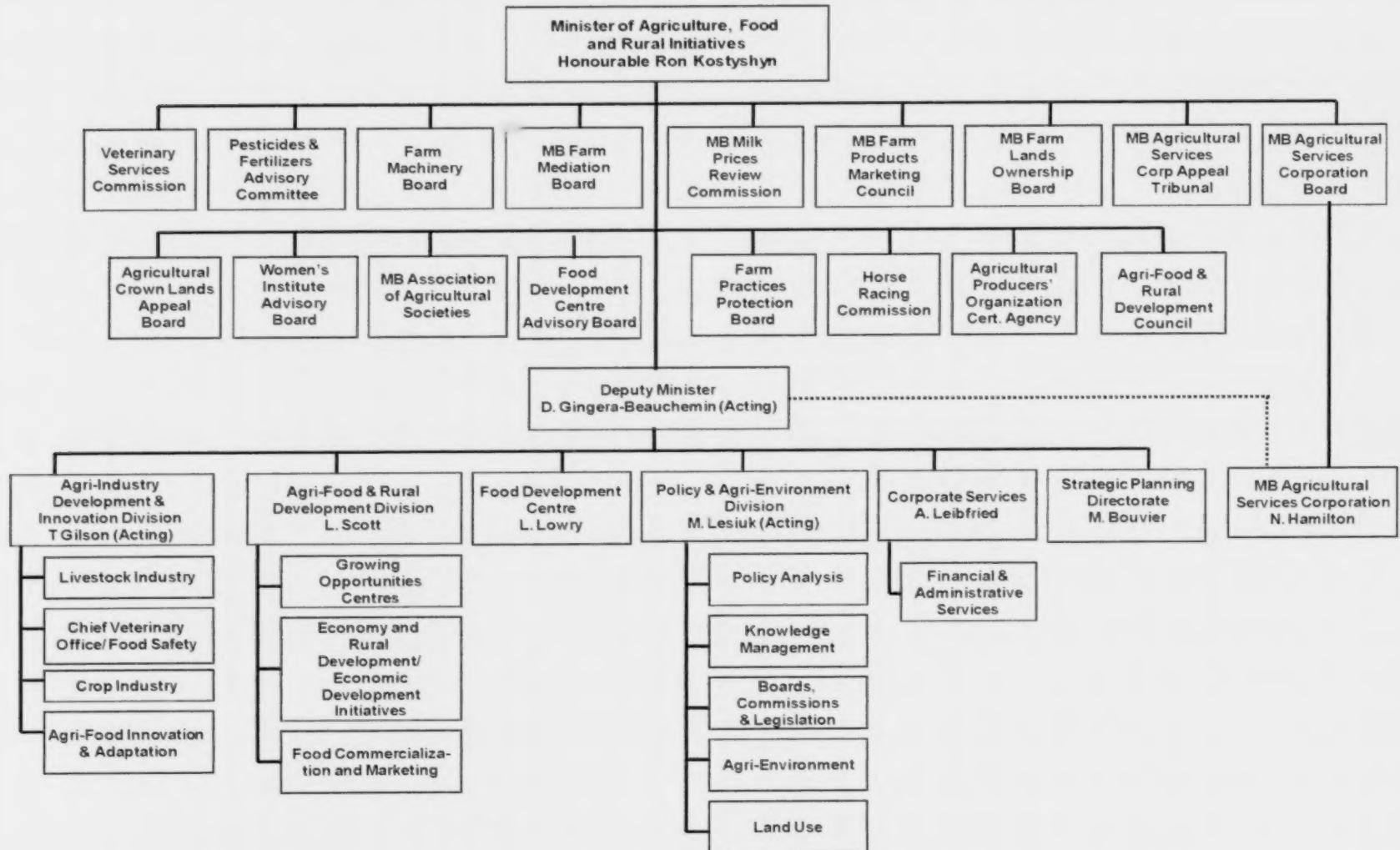
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# Organization Chart of Manitoba Agriculture, Food and Rural Initiatives

(This organization chart depicts the status of the department as at March 31, 2013)



# **MANITOBA AGRICULTURE, FOOD AND RURAL INITIATIVES**

## **Executive**

Honourable Ron Kostyshyn, Minister

D. Gingera-Beauchemin, A/Deputy Minister

T. Gilson, A/Assistant Deputy Minister  
Agri-Industry Development and Innovation Division

L. Scott, Assistant Deputy Minister  
Agri-Food and Rural Development Division

M. Lesiuk, A/Assistant Deputy Minister  
Policy and Agri-Environment Division

A. Leibfried, Executive Financial Officer  
Corporate Services

M. Bouvier, Executive Director  
Strategic Planning Directorate

L. Lowry, General Manager and Chief Operating Officer  
Food Development Centre

N. Hamilton, President and Chief Executive Officer  
Manitoba Agricultural Services Corporation

## PREFACE

### Purpose and Organization of the Annual Report

This report was prepared by Manitoba Agriculture, Food and Rural Initiatives (MAFRI) to summarize the activities and accomplishments of the department during the 2012/13 fiscal year. The report is divided into two major sections:

- **Section One** includes Part A – Program and Financial Information and Part B – Capital Investment, organized in accordance with the departmental appropriation structure.
- **Section Two** contains all appendices such as summary financial tables, Ministerial statutory responsibilities, performance indicators, information on *The Public Interest Disclosure (Whistleblower Protection) Act* and sustainable development activities.

This report is presented according to the financial organization of the department, and is not necessarily organized according to programs and services.

### Mission

MAFRI works to accelerate the greater prosperity and capacity of agricultural producers and industry, food processors, other rural entrepreneurs, organizations as well as rural and northern communities. We do this by providing leadership and a range of information, programs and services in support of a vibrant rural and northern Manitoba.

### Our Vision

*Agriculture is a leading solution provider to this transformation, providing:*

- *Profitable primary agriculture.*
- *Increased economic activity and investment in Rural Manitoba.*
- *Increased manufacturing of Manitoba-produced commodities for food, animal feed, bio-energy, bio-fibre and other uses.*
- *Enhanced availability of products, such as nutraceuticals, functional foods and pharmaceuticals that increase the health and wellness of Manitobans and the world.*
- *Solutions to enhancing environmental sustainability in Manitoba.*

### Values

- *Family farm businesses form the backbone of Manitoba's agri-food industry.*
- *Rural and northern Manitobans have the natural and human resources to grow and diversify their economies.*
- *Agriculture, food and rural and northern economic development are key parts of Manitoba's present and future economic prosperity.*
- *Profitable agricultural production is a foundation for rural Manitoba.*
- *Agriculture producers, landowners and stakeholders have a key role in maintain and supporting healthy agro-ecosystems.*
- *Economic diversity and community-centred development are important to a vibrant rural and northern Manitoba.*
- *Success will result from proactive, action-orientated and innovative approaches.*
- *We accomplish more through partnerships and consultation with producers, business owners, industry and communities.*
- *We provide unbiased technical advice.*

## **Goals**

- *Agriculture – enabling a globally competitive agriculture industry*
- *Food – facilitating a competitive food processing industry*
- *Rural Initiatives – promoting the economic growth of rural and northern Manitoba.*

## **Strategic Priorities**

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

- Building a supportive business environment
- Building markets
- Introducing new rural income streams
- Growing farm business
- Increasing agricultural productivity

### **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

- Building a supportive business environment
- Building markets
- Introducing new rural income streams
- Growing rural business
- Growing food business

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

- Building a supportive business environment
- Enabling the sustainability of rural communities
- Introducing new rural income streams
- Growing rural business

### **PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

- Ensuring a healthy agro-ecosystem
- Introducing new rural income streams
- Increasing agricultural productivity

### **PRIORITY 5 – IMPROVING WELLNESS**

- Protecting the safety of the Manitoba food supply
- Protecting animals
- Growing food business
- Expanding agriculture in the North

### **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY**

- Improving service to clients
- Evaluating program effectiveness
- Managing financial and human resources to effectively implement department priorities
- Adhering to central and departmental policies and legislation

## **Tools and Resources:**

Manitoba Agriculture, Food and Rural Initiatives (MAFRI) provides programs and services to a broad audience ranging from agricultural producers, food and agri-product processors, and rural and northern communities.

A key mechanism for delivering agriculture and agri-food programming is *Growing Forward*. *Growing Forward* is a framework for co-ordinated federal-provincial-territorial government action through March 2013, helping the agriculture and agri-food sectors to achieve the following broad outcomes: a competitive and innovative sector; a sector that contributes to society's priorities; and a sector that is proactive in managing risks. Federal, Provincial and Territorial Ministers reached agreement on the contents of *Growing Forward 2* ensuring that this mechanism will continue to provide support to the delivery of agriculture and agri-food programming through March 2018.

MAFRI continues to strive to deliver programs and services effectively and efficiently to our clients. MAFRI delivers its program and services in rural and northern Manitoba through Growing Opportunities (GO) Centres/Offices including one Winnipeg-based GO centre. Knowledge Centres support the delivery of programs and services through the development of leading edge knowledge in their respective area of responsibility for delivery to clients. Together with the Food Development Centre (a Special Operating Agency), and with the Manitoba Agricultural Services Corporation (a Crown Corporation), MAFRI works closely with stakeholders as strategic partners. MAFRI also utilizes a video conference network to allow clients to receive services closer to home. Improving service to clients, evaluating program effectiveness and managing financial and human resources to maximize efficiencies and effectiveness continue to drive decision making within MAFRI.

At the heart of MAFRI's efforts is the philosophy of extension. This philosophy embodies teaching people, in their own context and life situations, how to identify and assess their own opportunities and problems; helping them acquire the knowledge and skills required to capture their opportunities and to meet their needs; and inspiring them to action now and into the future.

## **Performance Indicators**

Performance indicators in departmental annual reports provide Manitobans with meaningful and useful information about the outcomes of government's activities along with financial results. Some measures incorporate data collected by the provincial government, while others show data that is collected by external agencies.

The department currently tracks six indicators in support of the six priorities identified in the strategic plan. The department continues to develop and refine its performance indicators at the knowledge centre and GO team level in order to illustrate the outcomes achieved through their efforts.

For MAFRI's Performance Indicators refer to Appendix I.

## **Internet Site**

The department's annual report and details on its many programs and services can be found on Manitoba Agriculture, Food and Rural Initiatives' Internet site; [www.gov.mb.ca/agriculture](http://www.gov.mb.ca/agriculture).





**SECTION ONE**  
**PART A**  
**PROGRAM AND FINANCIAL**  
**INFORMATION**

# Appropriation 1

## Administration and Finance

Provides for the executive management, strategic planning and control of departmental policies and programs as well as corporate services including; financial and administrative management, accounting, comptrollership and accountability.

### Appropriation 1 (a) – Minister's Salary

**Objective: Provides for the additional compensation an individual appointed to the Executive Council is entitled to.**

#### 1 (a) Minister's Salary

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
Salaries and Employee Benefits	37	1.00	37	-
<b>Total Sub-Appropriation</b>	<b>37</b>	<b>1.00</b>	<b>37</b>	<b>-</b>

## Appropriation 1(b) – Executive Support

Executive support provides executive leadership, policy direction, and operational co-ordination including communication of the department activities and initiatives to meet the government policy objectives and attain the priorities set out in the department plan. The Deputy Minister advises the Minister on matters related to strategic and program options of the department and provides direction to the department on the overall management and development of policies and programs in compliance with government policy.

**Objective: To provide effective leadership in achieving the department's mission, goals, objectives, and priorities.**

**Expected Results:**

- Effective and efficient delivery of the department's programs and services including allocation of financial, physical and human resources in line with the government's policies and priorities.

**Actual Results:**

- Advised the Minister on strategic and program options regarding the application of government and Ministerial policies and priorities.
- Led and co-ordinated the decision-making process in the development, implementation, operation, monitoring and evaluation of department's policies and programs.
- Executive staff ensured that department resources were allocated in accordance with government policies and priorities.
- The assurance of value-for-money and equitable, efficient and effective program delivery remain a major priority of Executive Support.

### 1 (b) Executive Support

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	880	9.00	777	103	
(2) Other Expenditures	70		66	4	
(3) Policy Studies	28		30	(2)	
<b>Total Sub-Appropriation</b>	<b>978</b>	<b>9.00</b>	<b>873</b>	<b>105</b>	

## Appropriation 1(c) - Strategic Planning Directorate

The Strategic Planning Directorate's mandate is to:

- Provide expertise and leadership in the development of the departmental vision, its strategic plan and consultations plan;
- Foster excellence in unit-level strategic planning and consultation activities;
- Provide leadership in the identification of new prospects, frontiers and opportunities for agriculture and rural and northern communities in Manitoba;
- Support, monitor and report on implementation of strategic directions and policies for the department;
- Understand, and where possible, integrate the strategic directions of the rural sector and agriculture and food industries into the departmental strategy;
- Support the development, maintenance and testing of the department's emergency management plan and business continuity plan; and
- Support the implementation of *The Public Sector Disclosure (Whistleblower) Act* in the department.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective A: Building a supportive business environment.**

##### Expected Results:

- Agriculture as a Solution framework will be completed. Department plans will reflect the Agriculture as a Solution framework.

##### Actual Results:

- The departmental plan and unit plans supported Agriculture as a Solution through healthy food and nutraceutical development, bioproduct development, research on consumer behaviour in food consumption, sustainability of the agricultural land base and rural business development.
- Examined supply managed industry opportunities in a dynamic environment.

#### **Objective C: Introducing new rural income streams.**

##### Expected Results:

- Reports on alternate domestic food sources.

##### Actual Results:

- Gathered and analyzed reports on diversifying local food sources.

### **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

#### **Objective A: Building a supportive business environment.**

##### Expected Results:

- Agri-Food and Rural Development Council will hold three meetings and generate an annual report with recommendations to the Minister.
- Recommendations for a co-ordinated system of rural economic development delivery that enhances results for entrepreneurs, communities, producers and the agri-food industry will be proposed.

**Actual Results:**

- Two (2) meetings of the Agri-Food and Rural Development Council were held, with an annual report produced by the council for the Minister of Manitoba Agriculture, Food and Rural Initiatives.
- Provided input into reviewing the department's organizational structure and its support to rural economic development.

**PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT****Objective B: Developing new rural income streams.****Expected Results:**

- An ecological goods and services policy framework that provides focus and outcomes specific to the Manitoba landscape.

**Actual Results:**

- Supported Agri-Environment and Policy Analysis Knowledge Centres to examine ecological goods and services approaches.
- Supported priority and program development in Growing Forward 2 planning.

**Objective C: Increasing agricultural productivity.****Expected Results:**

- Recommendations on climate change adaptation priorities tailored to Manitoba geographic conditions and sector needs.

**Actual Results:**

- Supported Agri-Environment and Policy Analysis Knowledge Centres to examine climate change adaptation strategies.
- Supported priority and program development in Growing Forward 2 planning.
- Participated in an interdepartmental effort to develop a Manitoba drought strategy.
- Participated in the Prairies Regional Adaptation Collaborative Advancing Climate Change in the Prairies study.
- Provided input into the development of a provincial surface water management strategy.

**PRIORITY 5 – IMPROVING WELLNESS****Objective C: Growing food business.****Expected Results:**

- Areas of co-operation are identified and pursued.

**Actual Results:**

- Worked in conjunction with the Manitoba Food Processors Association to survey food businesses and assess issues related to competitiveness and growth. A focus group was held between micro and small food processors to assess approaches to supporting and commercializing new products. These processes informed the department's review of its economic development approach.

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY.**

### **Objective A: Improving service to clients.**

#### **Expected Results:**

- Opportunities will be identified, analyzed and presented for consideration.
- Sector strategies prepared by industry, think tanks and other governments inform departmental planning.
- Recommendations for different extension approaches to further improve service delivery to the agriculture sector.

#### **Actual Results:**

- Provided input and analysis to the department's review of its economic development approach and structure.
- Provided input into the department's approach and structure to support agricultural profitability, food and agri-product development and rural economic development.
- Assisted the MAFRI Website Renewal Team in the development of a more user-friendly website.

### **Objective C: Managing financial and human resources to effectively implement department priorities.**

#### **Expected Results:**

- The various work units within MAFRI will have directional plans that support departmental priorities.
- Approaches to measuring the effectiveness of programs will be developed.
- To support and enable specific projects that use continuous improvement principles for departmental resource efficiencies and improvements in service delivery.

#### **Actual Results:**

- The departmental planning process was supported through direct support of unit level planning.
- The department reviewed and made changes to its performance measures to match revised departmental priorities.
- Continuous improvement approaches for the department were explored. Preliminary work on two continuous improvement (lean) projects was completed.
- Ongoing participation with performance measurement and reporting in conjunction with the Policy Analysis Knowledge Centre.

### **Objective D: Adhering to central and departmental policies and legislation.**

#### **Expected Results:**

- MAFRI's Business Continuity Plan will be up-to-date.
- MAFRI's Emergency Management Plan will be up-to-date.

#### **Actual Results:**

- The department's business continuity plan for 545 University Crescent was tested. The results will inform a planned update of all unit business continuity plans.
- Preparation for a potential 2013 flood was managed from the directorate. Activities included communicating with and supporting municipal readiness to assist with livestock emergencies and commodity group communication on provincial planning and readiness.



# 1 (c) Strategic Planning Directorate

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	416	5.00	484	(68)
(2) Other Expenditures	67		139	(72) 1
<b>Total Sub-Appropriation</b>	<b>483</b>	<b>5.00</b>	<b>623</b>	<b>(140)</b>

1. The under-expenditure is primarily due to reduced operating costs resulting from expenditure management measures to reduce discretionary expenditures.

## Appropriation 1 (d) – Financial and Administrative Services

Financial and Administrative Services provides financial, accounting, management and administrative support to Manitoba Agriculture, Food and Rural Initiatives (MAFRI). Financial and Administrative Services also provides leadership in developing and administering financial and administrative support systems.

Financial and Administrative Services consists of two knowledge centres: Financial and Accounting Services Knowledge Centre and the Corporate Review, Administration and Agency Accountability Knowledge Centre.

Financial and Accounting Services Knowledge Centre prepares the annual estimates of expenditures, revenues and capital investments, together with managing the financial planning, control and reporting systems. The knowledge centre also provides centralized accounting services, expenditure authority and oversight as well as responsibility for the department's comptrollership plan.

Corporate Review, Administration and Agency Accountability Knowledge Centre provides assurances that financial management practices, systems, delegated authorities and processes are functioning to support accountability and that expenditures are in compliance with policies, procedures, acts and legislation. The knowledge centre is responsible for following up on program and cross government audit recommendations and liaises with both Internal Audit and Consulting Services (IACS) and Insurance and Risk Management. The knowledge centre develops and implements corporate administrative policy in conjunction with central government requirements and co-ordinates the government department reporting required under *The Financial Administration Act*.

### **PRIORITY 6: DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY**

#### **Objective A: Improving service to clients.**

##### **Expected Results:**

- Fleet vehicles and government parking will be made available to knowledge centre/GO centre staff. Staff will have adequate and useable space and cost savings will be achieved wherever possible.
- Ensure departmental compliance with *The Freedom of Information and Protection of Privacy Act (FIPPA)*.
- Improved management control on contracts, agreements and requests for proposals through identification and reductions in risk, avoidance of potential liabilities and increasing procurement from Aboriginal suppliers.
- The planning and reporting documents required under legislation will be published and tabled; other reports will be available for estimates and question period discussions in a timely manner.

##### **Actual Results:**

- The knowledge centre allocated and maintained 87 permanent and seasonal government fleet vehicles and managed more than 180 government parking spots for departmental staff. Staff also managed five urban and 39 rural government-owned or leased locations throughout the province including the maintenance of up-to-date space allocation records. Seven (7) leases were renewed in 2012/13.
- Staff received and responded to 60 applications for access under *The Freedom of Information and Protection of Privacy Act (FIPPA)* and reported the required information to the Information and Privacy Policy Secretariat. Staff attended monthly interdepartmental meetings in order to become more knowledgeable on topics relating to access and privacy. Staff provided input into numerous privacy notification statements and privacy questions.

Assisted staff and liaised with civil legal services as required in the development of approximately 42 contracts. A review of requests for proposals ensured compliance with appropriate government policies and procedures.

- The Supplementary Information for Legislative Review and Annual Report were published and tabled as required under legislation and Ministerial briefing books were co-ordinated and provided.

### **Objective C: Managing financial and human resources to effectively implement department priorities.**

#### **Expected Results:**

- Facilitate appropriate use of financial and administrative policies, practices and procedures in a risk managed environment.
- Effective and timely financial reporting.
- Adherence to government accounting policies and procedures, effective use of financial management systems.
- Student positions will be filled with highly qualified individuals and government diversity targets will be met.

#### **Actual Results:**

- Staff co-ordinated the preparation of the department's annual estimates and all other financial reporting. This included cash flow and variance reporting as well as legislative and regulatory reporting.
- Staff provided financial and administrative advice and analysis to departmental executive members for decision-making purposes.
- Staff provided leadership and held monthly video conferences with the administrative officers throughout the department to discuss and communicate financial and administrative policies, practices and procedures.
- A comprehensive hourly time tracking system was maintained to track staff time on a number of federal matching programs and other department programs. Staff reported Growing Forward expenditures and projections to the Food Development Centre on a quarterly basis.
- Staff reviewed and consolidated information for Central Finance on Government reporting entities and Crown agencies.
- Technical support relating to accounting policies and delegated financial authorities was provided.
- Reviewed and consolidated departmental year-end reports for submission to Central Finance.
- Staff co-ordinated the summer and fall part-time Student Temporary Employment Program (STEP) employing 37 students during the summer of 2012 as well as 12 students during the fall and winter with a continued focus on diversity in the workplace.
- Administered a central registration process and database for training within the department.

### **Objective D: Adhering to central and departmental policies and legislation.**

#### **Expected Results:**

- Development, approval and communication of administrative policies and procedures, leadership in access to government and workplace, safety and health.
- Safeguarding of departmental assets.
- Government records will be maintained, stored and destroyed according to government records guidelines.
- Enhanced internal controls, identification and establishing mitigating controls on high risk programs.
- Enhance department staff understanding and compliance to the Comptrollership Plan.

**Actual Results:**

- Continued to develop new and updated administrative policies and procedures, provided leadership to the Manitoba Policy on Access to Government and reported on workplace, safety and health.
- Maintained an inventory of departmental assets and worked with the program areas to update property insurance values and inventories of equipment.
- Staff reviewed and updated the Governance Risk and Compliance system to ensure any conflicts were addressed and mitigating controls were in place for departmental users of the government's accounting system.
- Monitored and reinforced financial policies and guidelines consistent with the Comptrollership Plan and the department's expenditure management processes.
- Staff worked on the development of a number of new or amending Records Authority Schedules, approved and monitored the movement of approximately 305 records boxes to storage and destruction centres as per government records policies.
- Participated on the Department Audit Committee where a formalized department-wide risk-based audit process was implemented.
- Worked with Internal Audit and Consulting Services and the Office of the Auditor General on departmental audits. Staff also worked with federal auditors on federal/provincial program audits providing documentation and following up on recommendations.
- Enhanced controls were incorporated on users of AccessManitoba; security was increased by the use of laptop security cables and encryption of memory sticks and departmental exit checklists were developed to minimize loss of knowledge and property.
- Staff participated in the provincial area code overlay discussions.
- Staff met with Manitoba Finance to enhance their understanding of the requirements within the Comptrollership Plan and updated various components of the Plan in consultation with administrative officers.

**1 (d) Financial and Administrative Services**

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	1,148	15.00	1,108	40	
(2) Other Expenditures	267		356	(89)	
<b>Total Sub-Appropriation</b>	<b>1,415</b>	<b>15.00</b>	<b>1,464</b>	<b>(49)</b>	

## **Appropriation 2 Policy and Agri-Environment**

The Policy and Agri-Environment Division includes the following knowledge centres: Policy Analysis, Program Review and Evaluation, Knowledge Management, Boards, Commissions and Legislation, Agri-Environment and Land Use Planning.

The knowledge centres co-ordinate long term policy and program development for Manitoba Agriculture, Food and Rural Initiatives (MAFRI); conduct research and analysis; provide agriculture and food statistics and industry intelligence to department staff, industry and the general public; provides support services to the department; provides support services and funding for the administration of various boards and commissions; provides advice, professional support and programming in the areas of environmental sustainability and land use planning, including the management of Crown land designated for agricultural use.

### **Appropriation 2 (a) – Policy Analysis**

The role of the Policy Analysis Knowledge Centre (PAKC) is to analyze and provide objective information on agriculture, food and rural initiative policy issues to government decision-makers, facilitate the policy development process and assist in communicating government policies to the public.

PAKC conducts policy analysis and development in the following areas:

- Agricultural competitiveness, business risk management, agri-environment, food safety, marketing, transportation, trade, industry development and adaptation.
- Improving capacity of food processing sector.
- Building a strong rural economy and vibrant rural communities.
- Production of healthy, safe and affordable food.

#### **Programs and Services**

PAKC is responsible for overseeing the province's role in the following areas:

- Business Risk Management (BRM) programs (AgriStability, AgriInvest and AgriRecovery and ad hoc responses to crisis situations).
- Federal/Provincial/Territorial Growing Forward Framework Agreement.
- Manitoba's World Trade Organization Aggregate Measure of Support reporting requirements and federal/provincial government expenditures.
- MAFRI cost of production budgets.
- Rural Development Institute at Brandon University.

The mandate of the Program Review and Evaluation Knowledge Centre (PREKC) is to provide MAFRI, Manitoba Agricultural Services Corporation (MASC) and the Food Development Centre (FDC) with assistance to policy and program review and evaluation services.

PREKC manages the department's performance management system, reviews/evaluates departmental policies as well as programs as prescribed by MAFRI's Executive Management. The knowledge centre provides services related to the departmental program activity architecture and co-ordinates training to enhance capacity on program review and evaluation methodologies. The knowledge centre also collaborates with the federal government on expected results and reporting requirements for federal/provincial programming and provides leadership to the Department Audit Committee on controls, financial and compliance matters, as well as performance and business process improvements.

The following expected results are being identified under Priority 1, Priority 2, Priority 3, and Priority 4.

**Expected Results:**

- A federal/provincial policy framework that supports a competitive, adaptable and sustainable agriculture and agri-product industry in the domestic and international markets that enhances and sustains the environment and improves wellness.
- A set of policy instruments that provide a supportive business environment that assists the industry in being competitive in the marketplace by being productive, innovative and market responsive; that support agriculture and agri-product development in rural and northern communities; the enhancement and sustainability of the environment; and food safety, animal wellness, and northern sector development.

**Actual Results:**

- Led Manitoba's consultation and negotiation strategy in the development and signing of the Growing Forward 2 (GF2) Multilateral Agreement with Canada, which provides a framework for cost-shared programs from 2013 to 2018 that focus on innovation, competitiveness, and market development for Manitoba agriculture, agri-food and the agri-product industry.
- Provided policy analysis, support, and position communication through stakeholder consultations, development of government submissions, letters, Federal, Provincial and Territorial (FPT) and interdepartmental committee representation. Communication also included reporting to senior officials on issues related to agriculture and food trade, marketing, transportation, BRM, environmental goods and services, food processing, food safety, and rural economic development.
- Advanced the development of a new western livestock price insurance program, GF2 and Flood Recovery programs.
- Participated in cross-functional teams to develop provincial strategies and facilitated research projects on food processing and climate change.
- Conducted stakeholder consultations including surveys and focus groups, on food processing development and GF2 programming.
- Represented the province with federal and provincial counterparts in areas of rural economic development, trade, GF2 and BRM.

**PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

**Objective A: Building a supportive business environment.**

**Expected Results:**

- Information provided that enables decision-making on economic policy issues.
- Manitoba position on national grain marketing and regulatory agencies is communicated to the federal government.
- Cost-of-production data that enables business decisions on innovative production practices.
- National transportation, grain marketing and regulatory agencies that respond to Manitoba's industry priorities.
- A livestock insurance policy that enables development of insurance products to help the industry manage risk.

**Actual Results:**

- Provided analysis in areas of farm income and impacts of weather and trade, business risk management programming, grain marketing and transportation issues, and livestock profitability and support.
- Identified the competitiveness and risk vulnerabilities of the Manitoba agricultural industry related to livestock trade complications or cost increases in livestock feed production.



- Provided oversight on development of three Cost-of-Production Guidelines; those being Alfalfa Hay Production, Alfalfa/Grass Hay Production and Leaf Cutting Bee Production. Cost-of-production analysis was completed for a number of enterprises to assess the economic impact of production and market issues. Ongoing analysis of forage production conditions in the Lake Manitoba area was used to measure effects on farm income of cattle producers. Profitability in hog production was limited by high feed grain prices; therefore analysis of feed costs in this industry was completed on a weekly or monthly basis.
- Led a departmental team that analyzed risks and strategy to assist the industry in transition to an open market resulting from the elimination of the Canadian Wheat Board (CWB) single desk. Communicated the impacts of changes to the CWB on Manitoba short line railways and producer car shippers.
- Provided submissions to the Canadian Grain Commission on changes to its mandate and user fee structure.
- Provided analysis of proposed legislation regarding rail level of service agreements and Western grain revenue cap adjustments.
- Provided analysis on the impacts on the Port of Churchill and the Hudson Bay Railway.
- Worked with federal and provincial counterparts to explore a livestock price insurance program proposal that could be available for Manitoba's cattle and hog producers

#### **Objective B: Building markets.**

##### **Expected Results:**

- Effective communication of relevant information to aid trade policy deliberations.
- Improved trade relations through effective implementation of trade advocacy.

##### **Actual Results:**

- Informed Entrepreneurship, Training and Trade (ETT) and Canadian negotiators as to Manitoba's priority markets and key commodity and agri-food products for the Canada-European Union Free Trade Agreement negotiations.
- Ensured provincial input or positions on agricultural trade policy issues were known by FPT counterparts. This included market access issues such as country of origin labeling (COOL), low level presence policies for genetically engineered agri-foods, or internal trade disputes between provinces.
- Shared advocacy messaging on the negative economic impact of COOL with legislative and regulatory elected officials on a Ministerial bilateral trade relations mission to Minnesota to enhance Canada/U.S. trade relationship at the state level.

#### **Objective D: Growing farm business.**

##### **Expected Results:**

- BRM programs developed to reflect Manitoba's industry risk management needs.
- In the event of an unforeseen disaster, effective recovery plans are developed.
- Province's BRM payment requirements are managed effectively.

##### **Actual Results:**

- Identified and informed Agriculture and Agri-Food Canada (AAFC) about the impact of changes to the AgriStability program, specifically the limiting of Reference Margins. Participated extensively in development of federal BRM programs under GF2.
- Developed presented proposals to AAFC in an effort to assist the ongoing effects of flooding around Lake Manitoba. On the FPT Business Risk Management working group, represented Manitoba's position regarding changes to criteria for initiating AgriRecovery programs.

- Provided analysis and provincial oversight on a federal study that reviewed options to transferring responsibility for administration of AgriStability to the Province of Manitoba.
- Managed Manitoba's administrative requirements for funding of AgriStability and AgriInvest.

## **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

### **Objective D: Growing rural business.**

#### **Expected Results:**

- Identified policy instruments that can effectively promote rural economic development and co-operation in the province.

#### **Actual Results:**

- Identified and provided information on areas of rural economic development including:
  - rural broadband, and
  - preliminary analysis of key policy drivers based on characteristics unique to rural economic development
- Through the management of the Rural Development Institute Agreement, research was facilitated and focused on rural Manitoba job creation and immigrant retention within the food processing sector, as well as using population trends to forecast future rural economic development service needs.

### **Objective E: Growing food business.**

#### **Expected Results:**

- Programs and services that support a competitive food processing industry in Manitoba.
- Enhanced understanding of the potential for growth and barriers of the Manitoba food processing sector and actions needed to address them.

#### **Actual Results:**

- Authored a draft comprehensive report of the food and beverage processing industry in Manitoba to support future strategy development.
- Conducted a food processing industry web survey, in partnership with Manitoba Food Processors Association, to identify issues faced by food processors in Manitoba. A total of 43 micro to medium sized (up to 500 employees) urban and rural businesses responded to the survey.
- Conducted a focus group study with new business start ups at the FDC and GF2 consultation. The study took place with food processing industry leaders and stakeholders to determine how to address major food processing challenges and opportunities through a provincial food processing strategy development and GF2 Programming.
- Provided direction and technical input to the Rural Development Institute (RDI) of Brandon University's "Manitoba Food Processing Research" projects. RDI has completed research that will help understand impacts of regional population changes, job creation and employee retention scenarios on rural Manitoba's food processing enterprises.
- Provided Manitoba input at Board of Canada's regional consultation for their 'Canadian Food Strategy' development.
- Maintained general awareness on the scope and progress of multiple national food strategy development initiatives.

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Movement towards an informed, effective and strategic direction in Regional Economic Development (RED) policy both provincially and nationally.
- Decision-makers and stakeholders understand rural issues, needs and options to address.
- Effective implementation of agri-tourism development activities.

##### **Actual Results:**

- Informed departmental management of priority information regarding the state of rural economic development in Manitoba; including analysis of demographic trends, economic development and human and physical infrastructure.
- Completed core development of the RED database; a repository of information on RED programming/policy throughout Canada.
- Provided policy analysis support in the development of Rural Economic Analysis Process (REAP) and Partner 4 Growth programs.

#### **Objective B: Enabling the sustainability of rural communities.**

##### **Expected Results:**

- Collaborative understanding, harmonization and development of departmental policies to strategically support rural economic development.

##### **Actual Results:**

- As the provincial co-chair of Rural Team Manitoba, led the discussion of issues between federal agencies, provincial departments and community serving organizations focused on rural Manitoba needs.
- Represented Manitoba on the federal Rural and Co-operatives Secretariat and led "Rural Development Network" to provide linkage between provincial and federal needs and connection between research and policy.
- Administered the Excess Moisture Economic Stimulus Program (EMESP) in response to excess moisture events in the Spring of 2011.

### **PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

#### **Objective A: Ensuring a healthy agro-ecosystem.**

##### **Expected Results:**

- Co-ordinated policy instruments that can effectively meet the province's need for conservation and restoration of natural capital and ecological goods and services (EGS) on agricultural lands.
- Manitoba has enhanced understanding of adaptive capacity for climate change.
- Provincial climate change adaptation strategy increases the prosperity and sustainability of Manitoba's agriculture, agri-food and rural sectors.
- Manitoba agriculture producers are in a better position through policies and programs that mitigate climate change and capture carbon market opportunities.

##### **Actual Results:**

- Provided policy support to the development of EGS policy instruments and programming through pilot studies, consultation and GF2 program development.

- Provided policy support to the Prairies Regional Adaptation Collaborative (PRAC) research project, which resulted in an improved understanding of climate change adaptive capacity and needs.
- Provided policy support to MAFRI's climate change adaptation strategy.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- Fully implemented *Food Safety Act* and regulations that meet Manitoba's food safety requirements.
- Manitoba's meat hygiene pilot plant is able to move product across the country and there is improved understanding of issues and impacts for provincial plants when meeting interprovincial meat trade requirements.
- The National Agriculture and Food Traceability System is implemented for Manitoba's industry to enhance emergency response and market competitiveness.
- Manitoba delivers effective meat inspection services in provincially-registered abattoirs.
- Manitoba will have an effective food availability/emergency preparedness strategy.
- Manitoba's food safety pilots serve as demonstration facilities for other processors in the development and implementation of *Hazard Analysis and Critical Control Points* (HACCP) or *International Organization of Standardization* (ISO) food safety protocols.

#### **Actual Results:**

- Provided policy support and analysis in the development of multiple regulations to support the proclamation of *The Food Safety and Related Amendments Act*. In addition, monitored and analyzed regulatory policy proposals to ensure that the regulations adhere to sound analytical principles.
- Provided policy support on the FPT Meat Hygiene Pilot Project, which seeks to inform and enable local processors to undertake transformations required to comply with inter-provincial meat trade requirements.
- There were no requests made for PAKC involvement in the implementation of NAFTA.
- Performed analysis for the development of Manitoba's meat inspection policy for provincially registered slaughterhouses. Provided policy support for drafting meat inspection regulations under the pending *Food Safety and Related Amendments Act*.
- There were no requests made for PAKC involvement in the further development of food availability/emergency preparedness strategy.
- There were no requests made for PAKC involvement in the food safety pilot projects.

### **Objective C: Growing food business.**

#### **Expected Results:**

- Understanding and collaborative harmonization of departmental policies that improves effectiveness in meeting health and wellness objectives.

#### **Actual Results:**

- Prepared an inventory of MAFRI programs and services that increase access to healthy foods.
- Provided policy support and analysis on specific issues related to food security and food safety; including an in-depth analysis and advised senior officials on the visit of the UN Special Rapporteur on the Right to Foods.
- Co-ordinated a GF2 broad food industry consultation and assisted in developing broad food policies for GF2 framework.

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFICIENTLY AND EFFECTIVELY**

### **Objective A: Improving service to clients.**

#### **Expected Results:**

- Program evaluation recommendations are followed up.
- Audit recommendations are implemented as required.
- Updated program and service information is available to clients.

#### **Actual Results:**

- Implemented improvements to GF2 program delivery processes based on client and staff feedback, including standardizing Terms and Conditions for clients.
- Co-ordinated the departmental implementation of all internal audit recommendations to date in the department's ongoing efforts towards continuous improvement.
- Updated program listings on the internet home page and on the government's business portal: BizPaS (Business Programs and Services).

### **Objective B: Evaluating program effectiveness.**

#### **Expected Results:**

- Effective and efficient programs in Manitoba that help industry in meeting objectives.
- Federal and provincial policies that work together in developing a sustainable and competitive industry across the country.
- Develop a performance management system, including program logic models for departmental programs, that ensures program consistency with overall departmental direction.
- Advancement in performance measurement development and its use in decision making, supporting effective and economical resource allocation and continuous program improvement.
- Evaluation of MAFRI programs and services including Growing Forward programs.
- Growing Forward performance and evaluation reports submitted to Agriculture and Agri-Food Canada.
- Consult with the Department Audit Committee on prioritization of internal audit options on a departmental risk basis.

#### **Actual Results:**

- Worked with MAFRI staff to develop effective and efficient programs that help the industry meet its objectives.
- Worked with the federal government, provinces and territories in determining common program goals, reporting and evaluation requirements for GF2.
- Provided departmental expertise and guidance to the collection and use of program performance measures. Drafted program logic models and assisted in the prioritization of key performance indicators for Growing Forward and AgriFlexibility programs.
- Worked with department officials on the implementation of evaluation recommendations for Growing Forward (GF).
- Led the preparation of semi-annual and annual performance reports and performance target adjustments for internal management and reporting to Agriculture and Agri-Food Canada.
- Developed an audit plan through the Department Audit Committee based on each knowledge center's prioritized system improvement option.



**Objective C: Managing financial and human resources to effectively implement department priorities.**

**Expected Results:**

- Progress towards improved program performance through approved adjustments.
- Receive results that the Department Audit Committee's annual audit plan has been accepted and/or revised.

**Actual Results:**

- Co-ordinated Management's review and assessment of GF evaluation recommendations. Drafted Management comments, noting implementation plans and timelines.
- Assisted the Executive Management in providing input into the Department's 2012/13 audit plan and forwarded it to the government's central audit committee. The department was notified of approved projects and adjustments.

**Objective D: Adhering to central and departmental policies and legislation.**

**Expected Results:**

- Departmental policy and legislation compliance issues are adequately addressed.
- Implementation of audit recommendations are reviewed by the Department Audit Committee as required.

**Actual Results:**

- During the course of the Growing Forward Evaluation, no legislative compliance issues were raised. Recommendations for improvements in policy were made and were considered in the development of GF2.
- The audit committee received a presentation on the status of audits and corresponding recommendations from various areas: department internal audit, cross government audit, Office of Auditor General and Agriculture and Agri-Food Canada.

**2 (a) Policy Analysis**

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	1,456	20.60	1,665	(209)	
(2) Other Expenditures	276		331	(55)	
<b>Total Sub-Appropriation</b>	<b>1,732</b>	<b>20.60</b>	<b>1,996</b>	<b>(264)</b>	



## Appropriation 2 (b) – Knowledge Management

The Knowledge Management Knowledge Centre (KMKC) provides leadership, training and support to facilitate the adoption of a knowledge culture. Overall efficiencies and effectiveness is the result of not only the development of a knowledge culture, but also the application of business architecture principles, business case development and project management in solving business challenges.

The KMKC develops and maintains an interactive website that supports MAFRI in its business activities and dissemination of information to Manitobans. Similarly, MAFRI uses Geographic Information Systems (GIS) to map information. The KMKC works to align client processes to enable the use of AccessManitoba in service delivery. Interdepartmental technology initiatives, scheduled to be implemented over the next several years, will modernize service delivery to Manitobans by aligning processes, automating routine functions and providing a comprehensive suite of interactive tools for online use.

KMKC co-ordinates MAFRI's statistical information in areas including agricultural and agri-food economics, production, marketing, outlooks, value-added, and rural and socio economics. The analysis of agricultural data enables MAFRI and producers to apply that knowledge strategically in agricultural and agri-food economics, production, marketing and outlooks.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Producers and MAFRI will have access to the information necessary to make strategic decisions.

##### **Actual Results:**

- Provided relational commodity-based data to assist internal staff and external clients in accessing knowledge on industry activity to support sector growth and promote value-added agricultural activity.
- Prepared regional breakdowns for executive and staff requiring commodity-relevant rural district information. Reports were specific to economic impacts of crop and livestock production on the rural economy.
- Worked with program areas to improve surveillance and risk reporting by implementing new web publishing tools that allow timelier reporting and improved accessibility.
- Provided 68 ad hoc analytical assessments on domestic and international markets, indicators of economic performance on grains, oilseeds and livestock for staff, industry, producers, farmers and the public.
- Developed 21 agricultural economic reports on topics such as farm cash receipts, net farm income, farm capital, direct producer payments, sectoral balance sheets and provincial commodity information.

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- MAFRI will have access to relevant information to support programs.
- Efficient working relationships with other jurisdictions and producer groups.

##### **Actual Results:**

- Collaborated with Manitoba Bureau of Statistics to review data collection and analysis models.

- Generated census-based analysis on rural communities in response to ad hoc requests for information used in integrating social and economic knowledge with rural and Northern objectives.
- Supported the Food Development Centre in providing current information to clients on the website and with their management information systems.

### **Objective B: Enabling the sustainability of rural communities.**

#### **Expected Results:**

- Increased data will be available to enable strategic decisions.
- More data will provide a more complete understanding of rural economies.

#### **Actual Results:**

- Continue to collaborate in federal/provincial data collection, analysis and sector performance to enhance knowledge and decision making.
- Consult with stakeholders to identify incremental data and analysis to increase MAFRI's knowledge of value-added industries globally.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- The updated Vet Lab system is operational.
- The potential use of mapping technologies is better understood and government systems and standards take into consideration MAFRI's needs.
- MAFRI continues to be a leader in the implementation of food traceability support systems.
- Provided support to premises identification data base and related important components within food supply planning systems including food safety, traceability and animal disease.

#### **Actual Results:**

- Provided support to premises identification data base and related important components within food supply planning systems including food safety, traceability and animal disease.
- MAFRI supports GeoManitoba's initiatives and is implementing data standards to enable information sharing and collaboration.
- Participated in the Food Traceability Portal Project and launched the pilot project to supply data to the National portal.
- Completed the Vet Lab redevelopment project which moved the system to updated technology and provides more features. This allows MAFRI to provide better client services and implement better securities and controls.

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY.**

### **Objective A: Improving service to clients.**

#### **Expected Results:**

- Enhanced client service delivery and reduced staff travel time and costs.
- Content is current and new interactive features are identified with implementation plans.
- More cohesive service as single view of the client file is further developed and realized. Expansion plans are developed for implementation.

### Actual Results:

- Supported the video conferencing network and expanded use of desktop video/audio collaboration services.
- Furthered the use of AccessManitoba to provide more integrated client service.
- Initiated Gaining Ground project to provide online self assessment tools.
- Completed phase 1 transition to a new website design and template enabling easier access to information and enabling the deployment of mobile friendly web services.
- Updated the hay list and burn report systems to modern technology. Implementation will be completed in conjunction with the website renewal.

### 2 (b) Knowledge Management

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl. No.
	2012/13 \$(000s)	2012/13 FTEs	2012/13 \$(000s)	Over/(Under) \$(000s)	
(1) Salaries and Employee Benefits	1,215	20.00	1,452	(237)	1
(2) Other Expenditures	225		254	(29)	
<b>Total Sub-Appropriation</b>	<b>1,440</b>	<b>20.00</b>	<b>1,706</b>	<b>(266)</b>	

1. The under-expenditure is primarily due to expenditure management measures to defer filling vacant positions.

## Appropriation 2 (c) – Boards, Commissions and Legislation

The Boards, Commissions and Legislation Knowledge Centre is responsible for administering, and providing regulatory support of the production of certain commodities, mediation services, nuisance complaints arising from agricultural operations, applications for ownership of farmland by non-residents, setting producer prices, providing a mechanism to fund research and promotion activities, regulating horse racing and supporting crop insurance and animal care appeals. The knowledge centre also manages all the legislative and regulatory matters administered by the department.

### PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION

#### Objective A: Building a supportive business environment.

##### Expected Results:

- Supply management will increase returns by matching the production supply to customer demand by ensuring a fair return to producers, encouraging adaptation of new technologies across the sector and managing losses due to production risks.
- The boards and commissions listed below will operate within their respective legislative authorities and mandate for managing the sector. Manitoba Farm Products Marketing Council will render decisions to uphold or dismiss appeals by individuals affected by a decision, regulation or order of any of the following boards or commissions:
  - Keystone Potato Producers Association
  - Dairy Farmers of Manitoba
  - Manitoba Cattle Enhancement Council
  - Manitoba Chicken Producers
  - Manitoba Egg Farmers
  - Manitoba Pork Council
  - Manitoba Beekeepers' Association
  - Manitoba Turkey Producers
  - Peak of the Market
- Advice will be provided to the Minister on issues affecting the various provincial marketing plans, regulations, orders and federal-provincial agreements.
- New producer organizations will be certified under *The Agricultural Producers' Organization Funding Act* (the Act), subject to their application, a producer referendum, and approval by the Agricultural Producers' Organization Certification Agency (Agency).
- Keystone Agricultural Producers (KAP) will be certified as the general farm policy organization under the Act and will be monitored by the Agency.
- The Farm Machinery Board will successfully resolve 75-150 cases in which farmers risk repossession of their farm equipment or machinery.
- Farm equipment dealers and vendors will be licensed and monitored by the Farm Machinery Board.
- Seventy-five (75) farmers will participate in the farm mediation service.
- A fair producer price for fluid milk that compensates dairy farmers adequately for their cost-of-production will be reviewed and implemented.

##### Actual Results:

- More than 1,900 farm operations participated in the orderly marketing systems regulated under *The Farm Products Marketing Act*.
- Manitoba contributed to the successful negotiations by which the provinces of Saskatchewan and Alberta rejoined the Federal-Provincial Agreement for hatching egg production.
- Five (5) different agricultural commodities (table eggs, chicken broilers, hatching eggs, turkey and milk) are governed by an effective supply management system and are linked to national agencies. Despite variable markets and changes, each sector has maintained profitability for producers and processors and managed food safety, animal disease and animal care risks while

promoting innovation and new food product development.

- Through its marketing plan regulation and authorities, Peak of the Market manages quota systems for table potatoes, carrots, rutabagas, parsnips and some onions. In addition, the board provides collective marketing benefits to a broad base of additional Manitoba vegetable producers.
- Registered farmers within orderly marketing systems contributed administration levies to their producer board ranging from 1.3 cents to 53 cents per unit to sustain their system as per authority under *The Farm Products Marketing Act*. Where appropriate, additional levies are paid to a national agency to administer domestic supply management systems and/or national promotion, research, international market development programs.
- Manitoba Farm Products Marketing Council supervised the nine boards authorized under *The Farm Products Marketing Act* and have ensured transparent, fair and procedurally correct decision-making by elected members of the boards. In addition, the Manitoba Council hears appeals, as required, on decisions made by a board.
- The Minister was advised on issues related to the chicken industry - differential growth, national allocation and expansion of quota production; on issues related to the dairy industry – negotiations for harmonization of the milk supply system across all provinces in Canada; and processor pricing and allocation within the industrial egg sector.
- Advice regarding the petition process for certification of a new producer organization representing wheat and barley producers was provided to KAP, the organization facilitating the process on behalf of Manitoba wheat and barley producers.
- KAP applied for and was re-certified as Manitoba's general farm policy organization for a two-year period.
- The Farm Machinery Board received 35 applications for leave to repossess farm equipment. The board resolved 97% of the applications without repossession taking place.
- The Board registers 130 licensed dealers and 82 licensed vendors (two-year licenses).
- Two (2) types of applications are received by the Manitoba Farm Mediation Board: Voluntary requests for mediation and applications by creditors for leave to foreclose on farmland. A total of 45 applications were received. The board achieved a settlement in 75% of the cases in which its mediation services were used.
- The Milk Prices Review Commission reviewed the fluid milk pricing formula and determined in February 2013 that the producer price for fluid milk would increase by \$1.03 per hectolitre.

### Objective C: Introducing new rural income streams.

#### Expected Results:

- Certification contributes to producer-financed research which can be utilized to enhance profitability of the specific crop or livestock sector represented by each of the certified agencies:
 

Manitoba Buckwheat Growers	Manitoba Pulse Growers
Manitoba Canola Grower	Manitoba Sheep Association
Manitoba Corn Growers	National Sunflower Assoc. of Canada
Manitoba Forage Seed	Winter Cereals Manitoba Inc.
Manitoba Oat Growers	Manitoba Flax Growers
- Organic milk and specialized egg products will continue to compete successfully at the retail level.
- Value-added products arising from the chicken sector in Manitoba will be established.
- Producer boards will demonstrate collaborative decision-making and programming between producers and processors.

#### Actual Results:

- Certified agencies contributed more than \$1.4 million of producer funds to more than 94 research projects. Several of these projects received matching funds from various sources including MAFRI, Canola Council of Canada, Collaborative Oat Research Enterprise (CORE), the Agri-Food Research and Development Initiative (ARDI) and Agriculture and Agri-Food



Canada Cereal Research Centre.

- Organic milk produced in Manitoba is processed and available to Manitoba consumers.
- Manitoba's egg and pullet farmers as well as egg graders produce and market organic, free range, free run and omega-3 eggs to Manitoba consumers.
- Manitoba's companies process the largest volume of eggs in Canada for the processed egg product market.
- In its supervisory capacity, Manitoba Farm Products Marketing Council monitors the nine boards authorized under *The Farm Products Marketing Act* to ensure producers are adequately consulted on issues related to producer levy, penalties, management of quota, new programming and commodity promotions.
- In its supervisory capacity, Manitoba Farm Products Marketing Council monitors the nine boards authorized under *The Farm Products Marketing Act* to ensure the boards adequately consult processors on issues related to pricing, supply, management of quota and new programming.
- The four supply management boards work co-operatively with downstream processor stakeholders in promoting their commodities.

#### **Objective D: Growing farm business.**

##### **Expected Results:**

- Each of the commodity boards listed below will demonstrate active new entrant policies and programs that facilitate new entrants to the supply managed and orderly marketing sectors:
  - Dairy Farmers of Manitoba
  - Manitoba Chicken Producers
  - Manitoba Egg Farmers
  - Manitoba Turkey Producers
  - Peak of the Market
  - Keystone Potato Producers Association
  - Manitoba Pork Council
  - Manitoba Beekeepers' Association

##### **Actual Results:**

- The chicken, egg and turkey sectors are required to set aside 50% of new quota growth into a new entrant program.
- Manitoba Chicken Producers did not hold a new entrant programs, however, one new chicken broiler producer and two new hatching egg producers entered the industry.
- Through Manitoba Egg Farmers' new entrant program, one new producer entered the egg layer industry.
- Dairy Farmers of Manitoba works with a stakeholder committee to regularly review and improve its new entrant program.

#### **Objective E: Increasing agricultural productivity.**

##### **Expected Results:**

- Farm lands ownership legislation will help to protect farm land from market speculation by foreign investors by considering applications for exemptions from non-Canadian and public organizations who wish to acquire an interest in farm land greater than 40 acres.
- Appeals under the Act will be heard and satisfactorily resolved by the MASC Appeal Tribunal.

##### **Actual Results:**

- Forty-one (41) applications to the Farm Lands Ownership Board were received. Thirty-two (32) were approved, four were denied, one was withdrawn and four were pending review at fiscal year end. Of the 41 applications, 16 were from conservation groups.
- MASC Appeal Tribunal heard six appeals related to crop insurance claims.

## **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

### **Objective B: Building markets.**

#### **Expected Results:**

- At least one federally inspected beef slaughter and/or processing facility that will actively contribute to enhanced beef processing in 2013.
- Activities that support provincial beef processing.

#### **Actual Results:**

- Manitoba Cattle Enhancement Council (MCEC) with authority under *The Farm Products Marketing Act* collected \$733.0 thousand based on a \$2.00 per head levy on Manitoba cattle sales.
- MCEC contributed the \$733.0 thousand in funds raised to the development of prospects for federally inspected beef processing plants in the province.

## **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

### **Objective B: Enabling the sustainability of rural communities.**

#### **Expected Results:**

- Ten percent (10%) of board members participating at the provincial board, commission, or council level will acquire meeting management skills that contribute to the leadership of provincial agencies while also increasing capacity of rural leadership.

#### **Actual Results:**

- Three percent (3%) of appointed board members attended two different training sessions.
- Sixty-eight (68) Manitoba citizens contribute to the work of the 12 boards served by the knowledge centre.

## **PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

### **Objective A: Ensuring a healthy agro-ecosystem.**

#### **Expected Results:**

- Farm practices protection legislation will assist in the resolution of nuisance complaints between agricultural operations and neighbours.

#### **Actual Results:**

- The Manitoba Farm Practices Protection Board received and investigated one registered complaint in 2012/13. The Board determined that the agricultural operation was utilizing normal farming practices and dismissed the complaint.
- The Manitoba Farm Practices Protection Board received a request from an agricultural operation to remove the Board order placed on the operation while it was under previous ownership. The Board denied the request and maintained its order.



## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- All regulated agricultural commodities will achieve 95% or better producer compliance in the on-farm food safety programs managed by their producer board, thereby contributing to the safety of Manitoba's food supply.

#### **Actual Results:**

- One hundred percent (100%) of Manitoba's chicken broiler producers are certified in the Chicken Farmers of Canada's *Safe, Safer, Safest On-Farm Food Safety Assurance Program* (OFFSAP).
- One hundred percent (100%) of Manitoba's egg layer and pullet producers achieved the requirements in the Egg Farmers of Canada, *Start Clean-Stay Clean* OFFSAP program.
- One hundred percent (100%) of Manitoba's turkey farmers are certified in the Turkey Farmers of Canada's OFFSAP program.
- One hundred percent (100%) of Manitoba's dairy farmers are certified in the Dairy Farmers of Canada, *Canadian Quality Milk* OFFSAP program.

### **Objective B: Protecting animals.**

#### **Expected Results:**

- Appeals under the Act will be heard and resolved by the Animal Care Appeal Board in a manner consistent with the Act.

#### **Actual Results:**

- Twelve (12) appeals related to humane treatment of animals were heard and decisions rendered.

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY**

### **Objective D: Adhering to central and departmental policies and legislation.**

#### **Expected Results:**

- New and/or amending departmental legislation and regulations are co-ordinated and managed to achieve effective, efficient and modern legal frameworks as prioritized by Executive Management.

#### **Actual Results:**

- The Department administers 40 statutes, 147 regulations and orders.
- Ten (10) regulations authorized by *The Farm Products Marketing Act* were registered improving the orderly marketing regulatory framework of four agricultural commodity boards.
- Amendments to the Dairy Farmers of Manitoba Marketing Plan Regulation were registered to address the potential impact that cow shares may have on the quantity of milk supply (supply managed) and health and food safety concerns for Manitobans.
- Amendments to the Manure Regulation, under *The Pesticide and Fertilizer Control Act*, were registered to address industry concerns, reduce administrative difficulties and enhance the training requirements for all manure handlers.
- The department is in the final stages of completing multiple regulations to support the proclamation of *The Food Safety and Related Amendments Act*.
- Final details were completed to permit proclamation of *The Organic Agriculture Products Act* and its regulations.

- Five (5) separate Acts were requested for inclusion into the Statute Corrections and Minor Amendments Act
- The responsibility for regulation of provincial slaughterhouses has been transitioned from Manitoba Health to MAFRI. Upon proclamation of *The Food Safety Act*, slaughterhouses, processing plants and other pre-retail food handling establishments will be regulated under that Act. MAFRI worked jointly with Manitoba Health in amending the Food and Food Handling Regulation under *The Public Health Act* to enable the transition of inspection responsibility from the Canadian Food Inspection Agency to MAFRI.
- The Milk Prices Review Commission established the concept of the "WRAP Add-on". The purpose of the WRAP Add-on is to recognize that milk processors in Manitoba should be allowed to recover from the marketplace environmental stewardship fees associated with approved plans under *The Waste Reduction and Prevention Act*, to the extent that those environmental stewardship fees relate to milk for which there is a maximum price. The initial WRAP Add-on was set at one cent resulting in an increase to the maximum wholesale and retail price of milk sold in one litre containers.

#### Additional Results:

- The Flood 2011 Appeals Commissioner continued the work of receiving and hearing appeals related to the suite of programs offered under the Flood 2011 Building and Recovery Action Plan. In addition, the Commissioner assumed the appeal responsibilities under the Individual flood Protection Initiative and Lake Dauphin Emergency Flood Protection Program – programs offered by Manitoba Conservation and Water Stewardship. The Flood 2011 Appeals Committee was increased from 12 to 21 appointed board members to increase the capacity to hear appeals on a timely basis. Three hundred twenty-seven (327) appeal applications were received. One hundred thirty (130) appeals were dealt with and decisions communicated.

## 2 (c) Boards, Commissions and Legislation

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	562	5.90	479	83
(2) Other Expenditures	200		211	(11)
<b>Total Sub-Appropriation</b>	<b>762</b>	<b>5.90</b>	<b>690</b>	<b>72</b>

## Appropriation 2 (d) – Agri-Environment

The Agri-Environment Knowledge Centre (AEKC) develops and implements programs, policies and regulations that support agriculture production in Manitoba while protecting agri-environmental resources and natural capital. Nutrient management, Environmental Farm Planning (EFP), soil survey, Ecological Goods and Services (EG&S) and climate change are areas of particular focus. The Knowledge Centre delivers the Environmental Farm Action Program (EFAP) and the Manure Management Financial Assistance Program (MMFAP). AEKC staff also develop extension materials and training programs aimed at improving the long-term sustainability of the industry.

The Agri-Environment Knowledge Centre leads a soil survey program to map soils in areas of particular sensitivity or proposed development. The intent of the program is to ensure the best possible decisions are made about land use and management in Manitoba.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective C: Introducing new rural income streams.**

##### **Expected Results:**

- Enhanced producer knowledge of current status of carbon offset markets and carbon trading systems.
- New models that provide support to landowners for EG&S.

##### **Actual Results:**

- Staff participated at the Brokenhead River Agricultural Conference where information pertaining to climate change policy was presented and producers' questions were answered.
- Staff led EG&S Pilot projects to investigate new models to support landowners' provision of EG&S: Investment Framework for Environmental Resources (INFFER) pilot and evaluation; development of Dennis Lake conservation auction pilot and evaluation; and investigation into the relationship between land tenure and adoption of beneficial management practices (BMPs).

##### **Additional Results:**

- Staff organized on-farm composting events which were attended by greenhouse owners, landscapers, and gardeners who were interested in purchasing manure-based compost.
- Staff assisted Manitoba Hydro with the construction of the anaerobic digester on a Manitoba dairy farm.

#### **Objective E: Increasing agricultural productivity.**

##### **Expected Results:**

- Participate on the Soil Conservation Council of Canada (SCCC).
- Co-ordinate a research project with the Biological Cropping Systems network (a group of producer-led organizations) on minimum-tillage systems.
- Complete the Fall Soil Moisture Survey to assess soil moisture for agronomic decision-making and flood-prediction modeling.

##### **Actual Results:**

- Staff attended several Manitoba Composting Association Corporation (MCAC) and Canola Council of Canada (CCC) meetings.
  - Staff attended the SCCC board meeting in March 2013 and continued to work with SCCC as they prepared to co-host the 6th World Congress on Conservation Agriculture in Winnipeg, June 2014.
- Staff began demonstration projects on the use of vertical tillage in Manitoba cropping systems. Tillage treatments were completed in the fall of 2012 and data on crop yield and soil quality will

be collected throughout 2013.

- Weather data was gathered for the 2012/13 year from an expanded network. Forage Benchmarking Project data was gathered for the 2012/13 year. Fall soil moisture survey data was gathered for the 2012/13 year.

**Additional Results:**

- Staff met with the University of Manitoba to discuss the on-farm surface water management program and participated in review of conceptual models.

**PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

**Objective A: Ensuring a healthy agro-ecosystem.**

**Expected Results:**

- Development of a provincial adaptation planning tool that allows provincial and federal programs to be assessed for their capacity to mitigate impacts of climate change.
- Creation of an inter-departmental adaptation working group that aims to align programs, policies and resources in order to improve the sustainability of agricultural, environmental and water resources.
- Continued work on the environmental sustainability of extensive wintering of livestock.
- Efforts to complete phosphorus balance exercises on livestock farms is continuing.
- Completion and publication of the macronutrients and metals chapter of the Manure Management Planners Manual.
- Participation in the delivery of the Commercial Manure Applicator's course and the Manure Management Planners course.
- Manitoba producers of EFAP and MMFAP will adapt BMP into their operations.
- A policy framework will assist in the identification of cost-effective EG&S policy and program options for the Province of Manitoba.
- Multiple environmental outcomes will be achieved through implementation of a provincial EG&S policy framework.
- New models providing payment to landowners for EG&S will be developed. These may include market-based instruments, incentive payments and other delivery mechanisms.
- Review Integrated Watershed Management Plans (IWMP) as received.
- Participate with the Watershed Evaluation of BMPs (WEBs) project along with federal, provincial and academic counterparts.
- Production of Soil Survey Reports for the Rural Municipalities of Killarney-Turtle Mountain, DeSalaberry, Springfield and Ritchot.
- Continue field soil data collection and laboratory analysis in the Rural Municipalities of Langford.
- Participate on the Manitoba Livestock Manure Management Initiative (MLMMI).
- Chair the Manitoba Manure Management Advisory Committee in the Tri-Provincial Manure Management Council which enables inter-jurisdictional collaboration on the Prairies.
- Participate in the evaluation of solid-liquid separation equipment with Prairie Agricultural Machinery Institute (PAMI).
- Conduct soil and land assessments for new and/or expanding livestock operations under the Technical Review Committee process.

**Actual Results:**

- The ADAPTool developed by the International Institute for Sustainable Development (IISD) was used to assess the adaptive capacity of Manitoba government agricultural programs related to drought and excess moisture.
- The Inter-Departmental Adaptation Working Group (IAWG) was established and held its first meeting during 2012/13. Revisions were made to the IAWG charter, and a share-point site for sharing information was created.
- Applied investigations continued at extensive feeding sites, some of which date back to 2007.

Data was collected on nutrient additions to add accumulation in soil via practices such as bale grazing. A multidisciplinary team collected and extended results and principles to producers and agronomists.

- Staff worked with the University of Manitoba and the MLMMI to revise phosphorus budgets for each Rural Municipality (RM) in agro-Manitoba. Staff worked with industry organizations to promote phosphorus balance on farms. Staff promoted phosphorus balance on livestock farms through a published article in the Western Hog Producer.
- The micronutrients and metals chapter of the Manure Management Planners manual was completed and published on the MAFRI website.
- Staff revised the Commercial Manure Applicator course to accommodate regulatory changes under *The Pesticides and Fertilizers Control Act*; and the Manure Regulation that came into effect January 1, 2013. Staff participated in the delivery of the 2013 Commercial Manure Applicator Course.
- Staff reviewed 290 applications under EFAP and 26 applications under MMFAP. Twenty-seven (27) projects were approved under EFAP for a total grant commitment of \$2.38 million. Seventeen (17) projects were approved under MMFAP for a total grant commitment of \$3.4 million.
- Staff drafted an EG&S policy framework to move EG&S policy forward.
- Staff piloted new and innovative decision tools and delivery mechanisms in order to secure the maximum amount of EG&S from agricultural landscapes with the available budget. The tools explored include the utilization of an environmental benefits assessment index (EBAI), Investment Framework for Environmental Resources (INFFER) and conservation auctions.
- Soil survey reports were completed in the RMs of Killarney-Turtle Mountain (1:50,000), Blanshard (1:50,000), Ritchot (1:20,000) and Springfield (1:20,000). Report and map preparation occurred in the RMs of Hamiota (1:50,000), Roblin (1:50,000), DeSalaberry and Tache (1:20,000).
  - Seven thousand six hundred (7,600) lines were digitized or edited in seven townships in the RM of DeSalaberry.
  - Lines were digitized in six sections in the RM of Langford.
  - Lines were digitized in two sections in the RM of Cornwallis.
- Digitization of the following reports was completed and will be made available on the MAFRI webpage in 2012/13:
  - D25 - Sandy Lake (townsite and area surrounding lake)
  - D35 - Certain areas within the South Riding Mountain Planning District
  - D54 - Russell and Binscarth (townsites and surrounding areas)
  - D56 - Souris, Wawanessa and Virden (townsites and surrounding areas)
  - D58 - Hallboro and Neepawa (townsites and surrounding areas)
  - D65 - Birtle, Elkhorn, Hamiota, Newdale, Rapid City, Shoal Lake, Strathclair and Benito-Durban
- Soil Survey Field work completed in five RMs:
  - RM of Langford (1:50,000): 477 pits were completed in Twp 13-16W and 254 pits in Twp 14-16W;
  - RM of Elton (1:20,000): 243 pits were completed in Twp 12-17W, 18W, 19W and 11-17W;
  - RM of Cornwallis (1:50,000): 502 pits were completed in Twp 09-19W and 09-18W,
  - RM of Morris (1:50,000): 577 pits were completed in Twp 4-1W, 2W and 1E.
  - A total of 360 mechanical analyses, 186 pH analyses, 19 electric conductivity and 18 calcium carbonate analyses were completed.
- Staff provided support to the livestock industry through participation in MLMMI board meetings, technical sub-committee meetings, development of request for proposals, review of funding applications and report reviews/revisions.
- Staff chaired the annual meeting of the Manitoba Manure Management Advisory Committee held in Winnipeg in November 2012 and attended (via video conference) the annual workshop and meeting of the Tri-Provincial Manure Management Council held in Saskatoon, February 2013.



- Staff participated in the development of research projects to evaluate three manure treatment systems for phosphorus management on commercial pig barns in Manitoba.
- Staff provided land assessments for three technical review applications. Staff provided Local Government with technical support in the development of the new Technical Review Committee (TRC) process under the Technical Review Regulation including the development of forms, support documents and calculators.

**Additional Results:**

- Staff organized and delivered a compost training course for Manitoba Conservation and Water Stewardship as well as industry stakeholders, academia, staff and the public.

**Objective B: Developing new rural income streams.**

**Expected Results:**

- New models providing support to landowners for EG&S will be developed. These may include market-based instruments, policy approaches and development of the bio-economy.

**Actual Results:**

- Staff worked with landowners and conservation districts to explore the use of market-based instruments (e.g. conservation auctions) for program delivery and utilization of decision tools (e.g. INFFER) in order to secure EG&S from agricultural landscapes in a cost-effective fashion. A survey was also employed to explore the relationship between land tenure and BMP adoption in order to better target BMP adoption programs.

**Additional Results:**

- Staff assisted farmers with producing compost that complies with the Canadian Council of Ministers of the Environment (CCME) Guidelines for Compost Quality.

**Objective C: Increasing agricultural productivity.**

**Expected Results:**

- Continued collaboration with research community to highlight areas that permit improved agricultural productivity with reduced greenhouse gas emissions.
- Continued participation with the Prairies Regional Adaptive Collaborative (PRAC) on projects that improve flood forecasting, drought planning, and water management.
- Collaboration with academia and industry to improve agricultural sustainability and productivity in the face of climate change.
- Weather data was gathered for the 2012/13 year from an expanded network.
  - Forage Benchmarking Project data was gathered for the 2012/13 year.
  - Soil moisture survey data was gathered for the 2012/13 year.
- Participation at events that allow for knowledge transfer between producers, industry, commodity groups, and government regarding future climate projections and best practices for adapting/mitigating climate impacts.
- Improved collaboration networks for agriculture sectors.
- Community awareness of climate scenarios, impacts and BMPs regarding climate change adaptation.
- Continuation of applied investigations into extensive feeding. Extend results and principles to producers and agronomists.
- Participate in the delivery of the Crop Diagnostic School (increased productivity) and the Soil Fertility Workshops (promote nutrient management and environmental sustainability).
- Develop 4R Nutrient Stewardship Memorandum of Understanding with the Canadian Fertilizer Institute and promote 4R Nutrient Stewardship through extension.

- Participate in the development of technology and practices that reduce runoff water from agricultural lands
- Complete field investigations regarding soil management issues (i.e. salinity, compaction).

#### Actual Results:

- Staff participated on the Agriculture Greenhouse Gas Program project "Beneficial Management Practices for Greenhouse Gas Mitigation from Agroecosystems, with Emphasis on Cow-Calf Non-confinement Production Systems in Western Canada" being led by the University of Manitoba.
- Staff participated in a Canada-wide project administered by PRAC, building on the ADAPTool pilot project. The application of the Adaptive Design and Assessment Policy Tool (ADAPTool) was designed to enable the assessment of climate change impacts, vulnerabilities, risks and opportunities that provided a sound basis for developing adaptation options programs and policies that will enhance the adaptive capacity of key subsectors to drought and excess moisture resulting from climate change.
- Staff partnered with colleagues in Alberta and Saskatchewan governments to co-ordinate the delivery of an ammonia workshop dealing with the environmental challenges, including climate change, related to ammonia emissions. Staff delivered a workshop on straw management and the benefits of soil carbon at the 2012 Glenlea Soils and Manure Field Day.
- The Fall Soil Moisture Survey was completed during the final two weeks in October 2012. Soil moisture maps were generated and placed on MAFRI's website.
- Maps of BMP adoption under EFAP were developed and presented at Ag Days in Brandon. The poster "Review of Climate Change Projections for Southern Manitoba and Potential Impacts for Agriculture" was distributed at the Brokenhead River Agricultural Conference and other events.
- AEKC staff extended technical principles to producers, developed collaboration and initiated applied research projects.
- AEKC staff provided community and stakeholders awareness of climate scenarios, impacts and BMPs regarding climate change adaptation through extension activities.
- Applied investigations into extensive feeding continued to generate data on yield and species composition in forages. Results were extended to producers and agronomists.
- Lessons on soil and nutrient management were delivered to 422 agronomists and producers at the 2012 Crop Diagnostic School in July. Staff organized and presented at Soil Fertility workshops held in Russell and Morris. The 2012 Soil and Manure Management Field Clinic, held at the University of Manitoba's Glenlea Research Station on August 10, was attended by 75 participants ranging from producers, agronomists and livestock company staff to researchers, extension staff, journalists and students.
- A memorandum of understanding with the Canadian Fertilizer Institute and Keystone Agricultural Producers (KAP) regarding 4R Nutrient Stewardship was signed in January at Ag Days by the Ministers of Agriculture Food and Rural Initiatives and Conservation and Water Stewardship. The Implementation Committee devised a work plan and budget for the three years of funding by the Canada Foundation for Innovation (CFI) towards 4R activities in Manitoba which will promote optimized crop production through efficient use of nutrients.
- Staff participated in the Brandon workshop on on-farm surface water management strategies to reduce phosphorus loads to surface water and downstream flooding.
- Field investigations on soil management were completed on an as-needed basis. Soil salinity made up the majority of field calls however visits were also conducted to investigate soil compaction and other issues of poor soil structure affecting crop yield.



## 2 (d) Agri-Environment

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.	
	2012/13	2012/13	Over/(Under)	No.	
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	1,582	28.00	1,997	(415)	1
(2) Other Expenditures	359		645	(286)	2
(3) Manure Management Financial Assistance Program	6,378		8,508	(2,130)	3
<b>Total Sub-Appropriation</b>	<b>8,319</b>	<b>28.00</b>	<b>11,150</b>	<b>(2,831)</b>	

1. The under-expenditure is primarily due to expenditure management measures to defer filling vacant positions.
2. The decrease is mainly due to expenditure management measures to maintain vacant positions, which has resulted in reduced operating costs, and limit discretionary purchases.
3. The variance is mainly due to a combination of lower than anticipated costs incurred by producers for manure treatment and storage projects partially offset by changes to the AgriFlexibility Agreement in 2012/13 to expand the scope of project eligibility.

## Appropriation 2 (e) – Land Use

The Land Use Planning Knowledge Centre (LUPKC) acts to preserve Manitoba's agricultural land base through land use and management practices on both private and agricultural Crown land, with the three core functions being:

- Input into agricultural private, Crown and Traditional Lands, as guided by *The Planning Act*, and the Provincial Land Use Policies; as well as assessing the agricultural impact of land use proposals under various other acts;
- Delivery of the Agricultural Crown Lands (ACL) Program as guided by *The Crown Lands Act* and applicable regulations; and
- Rangeland management for both private and Crown land, driven by the need to maintain the agricultural interest in the land use planning process and ensure that the Province's guiding principle of multiresource use is applied.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Review local planning documents to ensure compliance with Provincial Land Use Policies.
- Input into provincial and municipal policy review and development.
- Support relationships with the ACL Appeal Board and the Agricultural Crown Lands Act Stakeholders Committee to identify industry needs.
- Provide recommendations for land use planning, multi-use co-operation and co-management, including agricultural assessment of 700 subdivision proposals, conditional use applications, variation proposals under *The Planning Act* and technical advice on proposals filed under *The Environment Act*.

##### **Actual Results:**

- Reviewed and commented on 10 development and secondary plans ensuring consistency with Provincial Land Use policies and municipal development plans.
- Participated in 32 meetings with planning districts, municipalities and other departments on land use planning related issues.
- Provided administrative and management support to the ACL Appeal Board for 12 appeals which included three appeals based on the allocation of land; one based on a cancellation for non-performance of covenant; one based on a unit transfer denial; and seven related to the Shoal Lakes Agricultural Flooding Assistance Program.
- Participated in meetings with industry stakeholders and commodity groups to address current industry concerns and assist in long-term planning.
- Provided recommendations on 501 subdivision proposals, 60 Environment Act proposals, two Provincial Park proposals, four Oil and Gas Act proposals, 21 Highway proposals and 11 road closing by-laws.

#### **Objective C: Introducing new rural income streams.**

##### **Expected Results:**

- Support current and future policy development within Provincial Land Use Policies (PLUPs) and local planning documents.
- Plan for agricultural economic development by facilitating opportunities for food processing, local food production, market garden and fruit growing operations.

##### **Actual Results:**

- Reviewed and commented on 10 Development and Secondary Plans, 30 plan amendments, 11

Zoning By-laws, 49 zoning amendments and 501 subdivision proposals ensuring consistency with Provincial land Use Policies and municipal development plans.

- Provided education and awareness regarding provincial legislation and regulations linked to the importance of agricultural land use planning to proactively address and encourage sustainable food production opportunities.

#### **Objective D: Growing farm business.**

##### **Expected Results:**

- Promote multiresource use of lands for the benefit of all users.
- Increased opportunities for farmers to expand or diversify operations and ensure development plans and zoning by-laws sustain livestock development and expansion consistent with provincial regulations.
- Protection for potential or expanded livestock operations through application of Farm Practices Guidelines and land use planning input into rural studies.

##### **Actual Results:**

- Participated in projects, the results of which will support efficient rangeland management activities and sustain the environment, including the Yellow Quill Mixed Grass Prairie Project, with emphasis on improving the health of natural areas through a multifaceted grazing management plan.
- Participated as part of the Protected Areas Initiative dedicated to building a network of protected areas that contain the biological diversity found in the varied landscapes of Manitoba.
- Assisted in the adoption of local livestock operations policies that provide a sustainable environment for livestock producers, with options for development.
- Provided education and awareness regarding the importance of land use planning to aid in the agricultural development and sustainability of the rural landscape.

#### **Objective E: Increasing agricultural productivity.**

##### **Expected Results:**

- Review local planning documents and provide guidance to protect and sustain agriculture while focusing on long-term compatibility of farm-related and non-farm-related uses of rural lands.
- Input into the resolution of agricultural land use issues or disputes at Municipal Board hearing (average of eight per year) and Planning District Hearings.
- Identify areas suitable for commercial and industrial development and contribute to the development of infrastructure plans and value-added processing opportunities.
- Research from various projects (e.g. Garland Project, Manitoba Forage Benchmarking Project) which will guide activities linked to range management, complementary use and increased productivity on both private and Crown lands.
- Participation in Crown land planning and classification of Crown lands for multiresource management.

##### **Actual Results:**

- Provided education and support to municipalities, identifying the importance of land use planning for future infrastructure requirements.
- Presented at three Municipal Board Hearings related to subdivision files.
- Advocated the importance of land use planning to address present and future infrastructure requirements in support of the agricultural industry.
- Continued development of final reports to summarize the conclusion of: the Garland Project (initiated in 1997) to evaluate the resource interaction of grazing management strategies for harvested areas and support co-management of Crown lands; and the Forage Benchmarking Project (initiated in 2004) with a focus on gathering baseline data on native pastures in Manitoba to guide future extension activities relative to rangeland/pasture management and assist in the

classification of Crown land.

- Supported the continued development of a final report detailing the findings of the Native Pasture Improvement Program. This report will provide valuable data for innovative and sustainable pasture management practices.
- Represented the agricultural interests on provincial Bloc Planning Committees to determine the optimal use of Crown lands as part of the provincial Crown land planning process with a focus on meeting the long term planning objectives of the Crown Land Assistant Deputy Ministers Committee (CLADMC).
- Advocated as part of an interdepartmental committee, to address and protect agricultural references contained in *The Crown Land Act* as part of a comprehensive review and rewrite.
- In conjunction and as a pre-requisite to *The Crown Lands Act* re-write, ongoing participation on an interdepartmental committee to review the Crown Land Policy and Procedure Manual to ensure consistency between *The Crown Lands Act* and provincial Crown land use policy.
- Reviewed 387 Crown land circulars from an agricultural perspective.

## **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

### **Objective A: Building a supportive business environment.**

#### **Expected Results:**

- Advocating land use planning for business development initiatives.

#### **Actual Results:**

- Met with the Shellmouth Assiniboine Economic Development organization to discuss policy implications and opportunities for economic development.

### **Objective D: Growing rural business.**

#### **Expected Results:**

- Improved productivity through extension of forage and rangelands management practices focusing on low cost technologies.

#### **Actual Results:**

- Participated on the Invasive Species Council, in the Leafy Spurge Stakeholders Group and in the Manitoba Ecosite and Rangeland Health Group.
- Attended the Prairie Health Initiative Working Group meetings, working towards defining a strategy for climate change and ecological goods and services for rangelands in Manitoba.
- Participated on the working group for Riparian Health Initiative focusing on the development of new technology for riparian assessment purposes.

## **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

### **Objective A: Building a supportive business environment.**

#### **Expected Results:**

- Development plans and zoning by-laws in northern and remote areas will facilitate and identify opportunities for food production, and minimize local barriers.
- Communication and training of producers, industry organizations and departments.
- Local development plans and zoning by-laws that promotes a variety of rural economic initiatives.

**Actual Results:**

- Provided input on the Rural Municipality of Thompson Development Plan and the City of Thompson Zoning By-law.
- Presented on land use planning and policy as a guest lecturer to the University of Manitoba's Soil and Water Management Degree Course during a class and lab session.

**Objective B: Enabling the sustainability of rural communities.****Expected Results:**

- Provide input on Aboriginal Traditional Area Agreements and Land Use Plans to uphold the goals of the Provincial Land Use Policies and Crown lands; identify treaty land entitlement; and resolve outstanding land issues.
- Expand opportunities in Traditional Use Plans by identifying or making available agricultural Crown lands for Aboriginal use.

**Actual Results:**

- Participated in the Inter-departmental Working Group (IDWG) for Crown-Aboriginal consultations to provide agricultural advice, strategic direction and assist with legislative and policy development for Crown-Aboriginal consultation.
- Incorporation of the Crown consultation process for First Nations, Métis communities and other aboriginal communities into current policies and procedures as part of the ACL Program delivery.
- Participated in Crown-Aboriginal consultations for land sales from an agricultural perspective.

**Objective D: Growing rural business.****Expected Results:**

- Sustainability of agriculture in northern Manitoba.
- Enhanced knowledge of land use policy, legislation and regulation.
- Identification of infrastructure needs prior to the approval of development plans.

**Actual Results:**

- Active membership on the Northern Healthy Foods Initiative Horizontal Team targeting the importance of land use planning in the development of strategies to initiate and sustain healthy food opportunities.
- Participated on interdepartmental teams for the review of the Community Pasture Program, *The Crown Lands Act* re-write, the CLADMC Policy and Procedures manual re-write, and the Subdivision Technical Advisory Committee for an expedited subdivision review process.
- Assisted municipalities and planning district in the development of local planning documents that will address current and future infrastructure needs including highway access, roads and waste water services.

**PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT****Objective A: Ensuring a healthy agro-ecosystem.****Expected Results:**

- Agricultural land users will be key partners in the protection of surface and groundwater, and agricultural use will be protected within watersheds.
- Integrated Watershed Management Plans (IWMPs) will recognize the positive role of the producer in surface and groundwater quality issues, and will outline water supply issues related to irrigation development and water supply for processing.



- Local development plans will reflect the role of the farmer in improving water quality, as well as water supply and infrastructure needs.

#### Actual Results:

- Continued support, in conjunction with Conservation and Water Stewardship, to advocate for the protection of surface and groundwater as well as facilitate effective management of unauthorized drainage of ACLs.
- Reviewed and provided input on four IWMP's for West Souris River, Dauphin Lake, Swan Valley and Rat-Marsh Watersheds.
- Provided education and information on the importance of land use planning as an essential tool in the conservation and protection of valuable land and water resources.

### **PRIORITY 5 – IMPROVING WELLNESS**

#### **Objective C: Growing food business.**

#### Expected Results:

- Strengthen linkages between community visioning documents and development plan process.

#### Actual Results:

- Mentored municipal governments on the importance of land use planning to ensure that local planning documents minimize conflict and continue to promote sustainable agricultural activities.

### **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY.**

#### **Objective A: Improving service to clients.**

#### Expected Results:

- Ensure provincial policy reflects industry needs and increase participation in the municipal planning process focusing on sustainability.
- Along with the Agri-Environment Services Branch (AESB), provide grazing on 21 community pastures involving 395,306 acres and negotiate agreements for municipal lands in those pastures.
- Crown land rental rates reflect fair market value for forage production in Manitoba.
- In conjunction with Crown Lands and Property Agency (CLPA), delivery of the ACL Program involving 1,980 forage leases (1,431,910 acres); 83 cropping leases (11,165 acres); and 403 permits and special leases (41,022 acres) including management of \$1.5 million in tax dollars (conditional grant-in-lieu grazing) collected and disbursed to rural municipalities.

#### Actual Results:

- Provided education and awareness regarding provincial legislation and regulations, as well as advocated for the importance of land use planning to ensure agricultural sustainability.
- Represented MAFRI and the province in the Federal-Provincial agreement with AESB for the delivery of the Community Pastures Program and provided a liaison function for provincial Crown land and land use matters on 21 community pastures, involving 395,306 acres.
- As a result of Agriculture and Agri-Food Canada's discontinuing of the Community Pasture Program, MAFRI participated in discussions to determine the future use and management of lands within the community pastures with emphasis on conserving and protecting these lands into the future via managed grazing.
- In conjunction with the ACL Act Stakeholders Committee, conducted the required triennial private pasture rental survey, thus establishing the rental rate of \$2.13/AUM for agricultural Crown lands for 2013-2015.
- Management and administrative support of 1,809 forage leases (1,407,689 acres); 71 cropping



leases (10,064 acres); and 417 permits and special leases (56,306 acres), cumulatively generating approximately \$1.6 million in revenue on ACL.

- For lands held under agricultural lease or permit, collected and disbursed to each respective municipality, approximately \$1.6 million municipal tax dollars (conditional grant-in-lieu grazing).
- Provided authorization and recommendations on 91 parcels advertised for allocation; scored and approved 20 applications for lease or permit, resulting in 79 allocations; provided recommendations and approval for 70 family transfers involving 190 parcels and 16 unit transfers involving 226 parcels; reviewed and approved six cancellations for non-performance of covenant and nine cancellations for non-payment; reviewed and approved 117 leases for renewal.
- Administered 927 parcels of land under administrative agreement with seven rural municipalities totaling 148,320 acres.

## Objective B: Evaluating program effectiveness.

### Expected Results:

- Improved efficiency of managing the Agricultural Crown Lands program

### Actual Results:

- In conjunction with CLPA, continued examination and streamlining of the ACL program delivery through participation in Kaizen as "LEAN" practitioners. ACL has undertaken LEAN process analysis in support of the Provincial corporate direction to do so. Such analysis leads towards increased efficiencies in MAFRI / CLPA processes.
- Focused on improved management, range management and land use planning as integral to the development of extension activities to increase carrying capacity on Crown lands and provided advice on ACL policy and procedures to improve program delivery.

### Additional Results:

- Ongoing support to the livestock industry in the aftermath of the 2011 flood by way of productivity reviews and re-classifications that would more appropriately reflect the current conditions of the land base and forage capacity.
- Continued transition of approximately 200 parcels of land (equating to almost 30,000 acres) purchased through the Shoal lakes Agricultural Flooding Assistance Program, into Crown land programming.
- Participated on the Interdepartmental Committee on Off-Road vehicle use in Manitoba and Crown land users.

## 2 (e) Land Use

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl. No.
	2012/13 \$(000s)	2012/13 FTEs	2012/13 \$(000s)	Over/(Under) \$(000s)	
(1) Salaries and Employee Benefits	957	12.00	891	66	
(2) Other Expenditures	941		835	106	
<b>Total Sub-Appropriation</b>	<b>1,898</b>	<b>12.00</b>	<b>1,726</b>	<b>172</b>	

## Appropriation 2 (f) – Less: Recoverable from Rural Economic Development Initiatives (REDI)

This sub-appropriation provides for the recovery of capital grant expenditures related to the Manure Management Financial Assistance Program from Rural Economic Development Initiatives.

<b>PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT</b>	
<b>Objective A: Ensuring a healthy agro-ecosystem.</b>	
Expected Results:	
<ul style="list-style-type: none"> <li>Sustainable development and management of the livestock industry in Manitoba.</li> </ul>	
Actual Results:	
<ul style="list-style-type: none"> <li>REDI funding of \$1.3674 million was provided in support of the Manure Management Financial Assistance Program to hog production facilities in Manitoba. The funding was intended to build additional manure storage capacity (to eliminate winter application of manure) and to repair manure storage structures, reducing the risk of leakage.</li> </ul>	

### 2 (f) Less: Recoverable from Rural Economic Development Initiatives

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
Recoveries	(1,367)	-	(2,654)	1,287
<b>Total Sub-Appropriation</b>	<b>(1,367)</b>	<b>-</b>	<b>(2,654)</b>	<b>1,287</b>

- The variance is mainly due to lower than anticipated costs related to the Manure Management Financial Assistance Program in 2012/13.

## **Appropriation 3**

### **Risk Management, Credit and Income Support Programs**

#### **Manitoba Agricultural Services Corporation (MASC):**

Provides a variety of programs including; direct loans and loan guarantees, crop production and hail insurance, wildlife damage compensation and emergency assistance programming. These programs assist farmers in meeting their financing needs and help mitigate the impacts that crop production losses have on their income. More information on these programs can be found in MASC's 2012/13 Annual Report.

#### **Agricultural Income Stabilization:**

Provides for Manitoba's share of assistance under stabilization programs, which are intended to help farmers manage their operations when they incur a decline in income.

#### **Food Industry Development:**

Provides support to Manitoba's Food Industry sector and fosters sustainable development and investment.

#### **Farmland School Tax Rebate:**

Provides for the cost of rebates of school taxes charged on farmland.

## **Appropriation 3 (a) – Manitoba Agricultural Services Corporation**

Enhance financial stability in rural Manitoba by providing risk management solutions, lending options and other programs and services to address emerging needs.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective D: Growing farm business.**

##### **Expected Results:**

- Insure \$2.275 billion of AgriInsurance liability, covering 9,300,000 acres and 8,800 farming operations.
- Provide \$670 million of hail insurance liability, covering 4,200,000 acres and 4,400 farming operations.
- Pay \$2.8 million in wildlife damage compensation.
- Provide AgriInsurance premium rebates of \$15 thousand under the Young Farmer Crop Plan Credit Program.
- Administer a total agricultural loan/guarantee portfolio that facilitates \$600 million of credit to 4,200 Manitoba producers.
- Provide \$91.2 million in new loans through MASC's regular loan programs.
- Facilitate \$91.0 million in loans to agricultural enterprises through the private sector by providing \$22.75 million in loan guarantees.
- Provide interest benefits of \$1.55 million to young producers.
- Facilitate \$5.5 million in term loans and \$2.0 million in operating loans for rural economic development by providing loan guarantees totaling \$4.9 million.

### Actual Results:

- AgrilInsurance liability totaled \$2.38 billion covering 9.6 million acres, with 8,840 insured farming operations. Liability was higher than expected due to an increase in acres insured.
- Hail insurance liability totaled \$851 million on 5,100,000 acres, with 4,811 insured farming operations. This increase from target was due to a significant increase in insured acreage.
- Wildlife Damage Compensation paid out \$2.9 million in compensation.
- Sixty-eight (68) young farmers qualified for Young Farmer Crop Plan premium credits totalling \$20.2 thousand.
- MASC's portfolio of direct loans and loans facilitated by guarantees totalled \$670.6 million, covering 3,300 Manitoba farmers.
- MASC provided \$139.2 million in new loans.
- \$18.2 million in loan guarantees on \$72.6 million of private sector agricultural loans were facilitated.
- The Young Farmer Rebate provided \$1.5 million of benefits to young farmers.
- Through the Rural Entrepreneur Assistance (REA) program, MASC facilitated \$3.4 million in private sector term loans by providing \$2.7 million in loan guarantees. MASC facilitated a further \$800 thousand in private sector operating credit by providing \$200 thousand in loan guarantees through the Operating Credit Guarantee for Rural Small Business program.

### 3 (a) Manitoba Agricultural Services Corporation

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Administration and Lending Costs	11,284	-	8,475	2,809	1
(2) AgrilInsurance	61,251		58,863	2,388	2
(3) Wildlife Damage Compensation	1,544		1,516	28	
<b>Total Sub-Appropriation</b>	<b>74,079</b>	<b>-</b>	<b>68,854</b>	<b>5,225</b>	

1. The variance is mainly due to increased loan provisions partially offset by decreased administration costs resulting from expenditure management measures, increased allocations of costs to other programs and decreased adjusting costs due to lower than anticipated claim activity.
2. The increase in premiums is primarily due to higher insured acres and producers seeding higher value crops such as canola and soybeans.

## Appropriation 3 (b) – Agricultural Income Stabilization

To fund the Business Risk Management (BRM) suite of programs that provides producers with tools to manage business risks largely beyond their control. These programs help producers reduce income losses stemming from low commodity prices, reduced production, or natural disasters.

### PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION

#### Objective D: Growing farm business

##### Expected Results:

- Most commercial producers will participate in programs; producers representing at least 80% of all farm market revenues will participate in AgriStability and AgriInvest.
- Through market returns and Business Risk Management programs, producers will attain at least 70% of the previous five-year net farming income including program payments.
- The sector will have effective assistance to enable recovery in the event of a natural disaster.

##### Actual Results:

- 2012 was a successful year for many crop producers as growing conditions were favourable and prices were strong. Despite poorer returns to livestock producers and lower Business Risk Management (BRM) program payments, total net cash income (NCI) plus the value of inventory change was considerably higher than the previous five year average.

<i>Program Year</i>	<i>Net Cash Income before BRM (\$ millions)</i>	<i>Inventory Change (\$ millions)</i>	<i>Net BRM Payments Triggered* (\$ millions)</i>	<i>Total (\$ millions)</i>
2007	628.0	- 102.5	134.1	659.6
2008	644.2	501.4	171.5	1,317.1
2009	763.7	31.8	256.4	1,051.9
2010	916.9	- 566.0	320.9	671.8
2011	711.5	- 492.9	652.1	870.7
Average	732.9	- 125.6	307.0	<b>914.2</b>
2012 (prelim.)	758.9	1,008.8	168.6**	<b>1,936.3</b>
% of average:				212%

\* Includes AgriStability, AgriInvest, AgriInsurance net of producer premiums, AgriRecovery and preceding programs (based on the year triggered, not the year received)

\*\* Consists of AgriInvest (\$46.0 million), AgriInsurance (\$56.6 million net of producer premiums), and AgriStability (\$66.0 million)

Source: MAFRI, AAFC forecast

- The last full program year for which statistics are available is 2010. In that year, participation in AgriStability represented 74.9% of market sales. Participation in AgriInvest represented 98.6% of market sales, and producers deposited 91% of the maximum allowed. AgriStability participation includes only those who submit their full financial results at the end of the year. High grain prices reduced expectations for program benefits, which may have affected participation.

Program	Allowable Sales** (all tax filers) (\$ millions)	Allowable Sales** (participants) (\$ millions)	% of Allowable Sales Participating
2010 AgriStability	4,763.8	3,566.0	74.9%
2010 AgriInvest*	4,463.4	4,400.1	98.6%
* excludes supply management (dairy, poultry, eggs) as these are not allowable sales under AgriInvest			
** Excludes participants and taxfilers with gross revenue under \$10,000			
Source: Agriculture and Agri-Food Canada (AAFC) , Statistics Canada (Canadian Farm Financial Database)			

- No natural disasters were identified in Manitoba in 2012/13; consequently no programs under the AgriRecovery framework were developed. Compensation continued to be delivered to producers affected by flooding and excess moisture situations in 2011, under the AgriRecovery framework and the Building and Recovery Action Plan.

### 3 (b) Agricultural Income Stabilization

	Actual 2012/13 \$(000s)	Estimate 2012/13 FTEs	Variance Over/(Under) \$(000s)	Expl. No.
Expenditures by Sub-Appropriation				
Grants/Transfer Payments	63,321	-	44,216	19,105
<b>Total Sub-Appropriation</b>	<b>63,321</b>	<b>-</b>	<b>44,216</b>	<b>19,105</b>

- The over-expenditure is mainly due to higher than anticipated costs associated with 2012 program payments and prior year adjustments based on federal forecasts and actual AgriStability and AgriInvest program activity.



## Appropriation 3 (c) – Food Industry Development

This program provides support to Manitoba's food industry sector and fosters sustainable development and investment in that sector.

### PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION

#### Objective B: Building markets.

##### Expected Results:

- 2.8% incremental increase in domestic sales of Manitoba-grown and Manitoba-processed foods.
- United States policy and/or legislation were influenced to reflect Manitoba's interests.

##### Actual Results:

- Funding of \$394.4 thousand was provided to the Manitoba Food Processors Association for the third year of the five-year Buy Manitoba Program.
- The Buy Manitoba Program public awareness campaign was launched April 26, 2012 in partnership with the 33 Canada Safeway stores across Manitoba.
- Measured consumer awareness of the Buy Manitoba Program brand, with 29% of Manitobans reporting being aware of the brand and program. This launch included the deployment of radio, television and outdoor advertising in addition to the signage program that identified 1,000 locally-made food items in each of the Canada Safeway stores in Manitoba.
- Facilitated a meeting between senior executives of Canada Safeway and Manitoba companies who were not yet suppliers to Canada Safeway, resulting in six Manitoba companies added as Safeway vendors.
- Fifty-six (56) companies were enrolled in the program and purchased 1,312 shelf identifiers in stores.
- The buymanitobafoods.ca website was launched and visited approximately 5,500 times per month by an average of 4,400 unique visitors.

### 3 (c) Food Industry Development

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)
Grants/Transfer Payments	395	-	417	(22)
<b>Total Sub-Appropriation</b>	<b>395</b>	<b>-</b>	<b>417</b>	<b>(22)</b>

## Appropriation 3 (d) – Farmland School Tax Rebate

This sub-appropriation generates greater net farm income and fosters increased equity amongst rural land owners in support of educational costs.

### PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION

#### Objective D: Growing farm business.

##### Expected Results:

- Increase in net farm income of more than \$35 million, with additional spin-off benefits to rural communities.
- More equitable distribution of local education costs.

##### Actual Results:

- As of March 31, 2013, \$35.6 million in farmland school tax rebates associated with the 2012 property tax year was rebated to property owners, thereby increasing net farm income.
- Rebating 80% of school taxes levied on farmland represents a significant move towards a more equitable distribution of school taxes paid by property owners.

### 3 (d) Farmland School Tax Rebate

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl. No.
	2012/13	2012/13		Over/(Under)	
	\$(000s)	FTEs	\$(000s)	\$(000s)	
Grants/Transfer Payments	39,351	-	35,603	3,748	1
<b>Total Sub-Appropriation</b>	<b>39,351</b>	<b>-</b>	<b>35,603</b>	<b>3,748</b>	

1. The variance is mainly due to an increase in farmland school tax levies in 2012/13 partially offset by prior years' adjustments to estimated participation rates.

## Appropriation 3 (e) – Less: Recoverable from Rural Economic Development Initiatives (REDI)

This sub-appropriation provides for the recovery of expenditures from Rural Economic Development Initiatives related to the Food Industry Development Program; and funding support to Manitoba Agricultural Services Corporation related to the Rural Entrepreneur Assistance Program.

### PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION

#### Objective B: Building markets.

##### Expected Results:

- Provision of the necessary funding for the delivery of the Food Industry Development Program which will increase availability and sale of Manitoba produced agri-food products.

##### Actual Results:

- The Food Industry Development Program provided \$394.4 thousand for the third year of the five-year Buy Manitoba Program, encouraging Manitobans to purchase locally processed and/or produced food products through brand identification, recognition and marketing.

### PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES

#### Objective D: Growing rural business.

##### Expected Results:

- Provision of the necessary funding for the delivery of the Rural Entrepreneur Assistance (REA) program to support the development and growth of rural and northern Manitoba businesses.

##### Actual Results:

- Funding of \$386.6 thousand was provided for the salaries, operating costs and loan loss provision for the REA program.

##### Additional Results:

- Funding of \$51.6 thousand was provided for interest costs related to existing loans under the Community Works Loan Program.

### 3 (e) Less: Recoverable from Rural Economic Development Initiatives

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
Recoveries	(833)	-	(1,142)	309 1
<b>Total Sub-Appropriation</b>	<b>(833)</b>	<b>-</b>	<b>(1,142)</b>	<b>309</b>

1. The under-recovery is primarily the result of lower than anticipated Rural Entrepreneur Assistance program costs.

## Appropriation 4

### Agri-Industry Development and Innovation

The Agri-Industry Development and Innovation Division includes the following knowledge centres: Livestock Industry, Chief Veterinary Office/ Food Safety, Crop Industry and Agri-Food Innovation and Adaptation.

The knowledge centres provide technical support, leadership, specialized services and information to staff, producers, and industry to enhance the development of Manitoba's agri-food industry and rural economy; develop and extend leading edge knowledge in specialized areas; provide advice on the control and prevention of crop and livestock diseases and administers the various laboratories and programs including the veterinary and crop diagnostic laboratories; provide advice, professional support and programming in the areas of agronomy, livestock production, animal welfare, veterinary medicine, food safety, diversification, research, and co-ordination of research with provincial and federal agri-food research agencies.

#### Appropriation 4 (a) – Livestock Industry

To advance Manitoba's livestock industry by utilizing leadership capacity and technical expertise to develop and deliver innovative extension and business development programs.

To enhance animal health in Manitoba by providing accurate, timely and affordable veterinary diagnostic services through the Provincial Veterinary Diagnostic Laboratory and supporting veterinary rural practice through administration of the Rural Veterinary District program, Large Animal Veterinary Retention Program, Veterinary Science Scholarship Fund and Veterinary Summer Student Program.

<b>PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION</b>
<b>Objective A: Building a supportive business environment.</b>
<p>Expected Results:</p> <ul style="list-style-type: none"> <li>• Administer grants to 27 Veterinary Services District clinics and administer veterinary student scholarship and veterinary summer student placement programs.</li> <li>• Participate in the Tri-party Agreement with Agriculture and Agri-Food Canada (AAFC) and Manitoba Beef Producers (MBP).</li> <li>• Provide input into the development of national standards for Beef Codes of Practice.</li> </ul>
<p>Actual Results:</p> <ul style="list-style-type: none"> <li>• Administered the Veterinary Services District operating grant of \$464 thousand. The grant is distributed among 27 Veterinary Service Districts.</li> <li>• The extension veterinarian worked directly with the Veterinary District boards and the Veterinary Services Commission to address local issues in the delivery of veterinary services to their communities.</li> <li>• The Large Animal Veterinary Retention Program encourages Manitoba veterinary students to return to Manitoba for rural veterinary practice. The program is administered by the Livestock Knowledge Centre (LKC) and funded annually at \$50 thousand per year by Advanced Education and Literacy. The program gives 10 eligible Manitoba students in their third and fourth years of studies \$5 thousand, which is forgivable for each 12 months spent working in a Manitoba rural practice. Currently 33 students have fulfilled their agreement and 11 students are working to complete their obligation.</li> <li>• The Veterinary Sciences Scholarship encourages Manitoba students to return to the province's rural practices through the <i>Veterinary Science Scholarship Act</i>. There were nine veterinary</li> </ul>

students under the program in 2012/13, each of whom received \$1.125 thousand.

- In 2012, eight veterinary students were placed with rural veterinarians for summer employment through the Student Temporary Employment Program (STEP).
- The tri-party agreement with Agriculture and Agri-Food Canada (AAFC) and Manitoba Beef Producers (MBP) for the purpose of extending research information and results to producers and industry stakeholders was not formally renewed in 2012/13. However LKC continued to work with AAFC on the dissemination of beef research from the scientific community to producers within the province. AAFC research findings were presented at a meeting with Manitoba Agriculture, Food and Rural Initiatives' (MAFRI) forage and livestock specialists.
- Maintained the research webpage on the MAFRI website to assist with the extension of research activities and findings relating to the Manitoba beef industry.
- MAFRI participated in the Beef Cattle Code Development Committee of the National Farm Animal Care Council. The Committee includes: producers, animal welfare and enforcement representatives, researchers, veterinarians, and government representatives. The committee has completed its work and the new Beef Cattle Code of Practices is expected to be released in August 2013.

## **Objective B: Building markets.**

### **Expected Results:**

- Auction marts will be inspected at least twice per year, all livestock dealers and agents are licensed, payment to producers is within the legislated time period and manifests are made available.
- Continued movement of cattle between Manitoba and the other western provinces.
- Provide producers in the Riding Mountain Eradication Area (RMEA) with preventative strategies such as the barrier fencing program.

### **Actual Results:**

- Administered a dealer/agent licensing program with 82 licensed dealers and 86 licensed agents as of March 31, 2013.
- There were no dealer defaults in 2012 and one audit of a large livestock dealer was performed. Investigated and resolved one potential case of non-payment.
- Administered the brand program with more than 2,300 active registered brands.
- Printed and distributed revised livestock manifests to include premise ID information as recommended by the Federal Provincial Cattle Movement Reporting Working Group.
- In 2012, more than 130,000 head of cattle moved from Manitoba into Saskatchewan and Alberta. The manifest, branding and dealer licensing programs, support this on-going trade.
- Staff continued their involvement in bovine tuberculosis (TB) risk management in conjunction with the RMEA. Specific activities included:
  - Tendering for the construction of two stockyard fences to prevent access by wildlife to livestock feed supplies.
  - Ongoing consultation with industry stakeholders on eradication strategies.
- Active involvement in the TB task group and the TB expert working group.
- A bovine TB co-ordinator was hired in January 2013. The co-ordinator's role is to provide independent co-ordination, consultation and information sharing between all key stakeholders and agencies. The co-ordinator's role is also to maintain regular contact with the senior officials and provide input for policy decisions regarding bovine TB in the RMEA.



### **Objective C: Introducing new rural income streams.**

#### **Expected Results:**

- Assist producers, individually and through group meetings, in developing production and marketing systems to create increased income from diversification opportunities.

#### **Actual Results:**

- The Manitoba-Canadian Model Aqua-Farm Initiative was launched in 2008, supported by the Manitoba and federal governments, in co-operation with industry partners. A model farm was constructed as a demonstration and skills development facility as well as commercial farm. It tested and refined trout fish farming on a commercial scale. The project concluded on March 31, 2013 with the expiry of the agreement between the project members. Analysis of two years of fish production and environmental monitoring data is now underway.
- MAFRI participates on the national sheep, swine and beef value-chain round tables with the objective of enhancing Canadian competitiveness and profitability through a broad, solutions-based approach that encourages industry-led solutions to identified problems.

### **Objective D: Growing farm business.**

#### **Expected Results:**

- Support of delivery assistance to affected producers through AgriRecovery and Flood 2011 - Building Recovery and Action Plan initiatives.

#### **Actual Results:**

- 2011 Manitoba Forage Shortfall Assistance Program (MFSAP) and 2011 Manitoba Transportation Assistance Program (MFTAP):
  - Reviewed each payment batch and approved 844 MFSAP claims. Assessed claims for potential double payment with other programs, identified files requiring audits and provided technical support for the appeal process.
- The 2010 Canada-Manitoba Feed and Transportation Assistance Program provided administrative support for federal audits of the program payments and cost-sharing, answered questions and supplied required documentation.
- The Manitoba Infrastructure and Individual Assessment Program (MIAP) inspected, assessed and verified claims for nine on-farm beef feedlot assessments and inspections. Developed policies for feedlot and horticultural claims.
- The Lake Manitoba Financial Assistance Program (LMFAP) – Parts A and B:
  - Provided leadership as program lead and technical lead for Parts A and B of LMFAP and technical lead for Agricultural Property Damage Component of Part B.
  - Developed payment rates, worksheets, processes, eligibility requirements, and policy documents for more than 900 flood mitigation, transportation and agricultural property damage claims.
  - Developed the inspection process and trained six inspectors for property damage claims. Tracked and assessed more than 700 claims identified during 225 inspections.
  - Responded to questions from clients on payment status and payment calculation. Developed program factsheets and provided clients with individualized descriptions of their program payments.
  - Implemented verification procedures. Assessed claims for potential double payments from different programs. Digitized and mapped 1,305 km of damaged fence to identify and resolve shared fence issues. Wrote review documents for higher risk claims.
  - At the request of Lake Manitoba First Nations, met with the Band Council to discuss the program and worked directly with clients that had agriculture losses.



### **Objective E: Increasing agricultural productivity.**

#### **Expected Results:**

- Information on new and current production strategies will be developed and transferred to producers.
- Opportunities for improved profitability will be identified and communicated to producers and industry.
- Rapid accurate diagnostics ensures provincial herd and flock health which increases productivity.

#### **Actual Results:**

- Collaborated with the University of Manitoba (U of M) and AAFC on the Winter Cow Slaughter Transportation Project. The goal of the project is to study how transportation during cold winter months affects beef carcass quality. Two (2) loads of cattle were monitored each week over three months. The impact of on-farm handling, transportation and handling at slaughter are being investigated.
- Collaborated with the U of M on the Growing Forward funded Residual Feed Intake (RFI) Research project.
- Participated in the planning and delivery of the 2012 Provincial Pasture Tour held in Southeastern Manitoba and 18 fall extension meetings around the province. The main focus was extending winter feed supplies and proper nutrition to get cow herds through the winter.
- Planned and delivered the 2012 Manitoba Beef and Forage Days at five different locations with approximately 350 producers in attendance.
- Organised a two-day training event in co-ordination with the Manitoba Sheep Association. Producers, veterinarians, feed industry specialists and MAFRI extension staff learned how to fine-tune sheep nutrition for better profits. The funding for this event was provided by the Growing Forward Agri-Extension Business Planning Program.
- Assisted in planning and delivering the Glenlea Research Station Field Day in June, 2012.
- Served as co-chair of the organizing committee for the 2012 Western Nutrition Conference (WNC). The committee is responsible for the planning and delivery of the WNC to the feed and feed-related industries and consists of MAFRI, feed industry staff and university representatives. The WNC was held in Winnipeg in September, 2012 with 185 in attendance.
- Planned and delivered the 2012 Hog & Poultry Days with approximately 1,000 in attendance.
- Planned and delivered the 2013 Manitoba Swine Seminars with approximately 345 in attendance.
- Planned and delivered the 2012 Ranchers Forum with more than 150 in attendance.
- Planned a new event, Manitoba Hay Days, to be delivered in June of 2013.

## **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

### **Objective C: Introducing new rural income streams.**

#### **Expected Results:**

- Work with industry stakeholders to develop business plans and project ideas.

#### **Actual Results:**

- In 2012, the Manitoba Farmed Fish Development Corporation (MFFDC) was incorporated. The mission of the MFFDC is to advance the research and commercialization of aquaculture in Manitoba.

- Pursued opportunities for a natural feed ingredient with the potential to replace antibiotics in livestock feed. Assisted with an Agri-Food Research and Development Initiative (ARDI) application to support further trials at the St. Boniface Hospital Research Centre investigating cell tissue cultures, extraction methods and toxicity testing.
- Continued evaluating the feasibility of commercial freshwater land based aquaculture through the Manitoba-Canadian Model Aqua-Farm Initiative.

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective B: Enabling the sustainability of rural communities.**

##### **Expected Results:**

- Provide technical advice and extension resources to develop First Nations/northern livestock industries.

##### **Actual Results:**

- Worked with individual clients, Band Councils and Chiefs to expand existing herds. Three (3) of the four participants in the Manitoba First Nations Marketing Co-operative Inc. are presently expanding their herds.
- Worked with a First Nation starting a bison operation. Assisted in developing range management design as well as watering systems and handling facilities.
- Participated in a two-day Aboriginal Aquaculture Engagement Initiative Central Region meeting in Saskatoon.

#### **Objective C: Introducing new rural income streams.**

##### **Expected Results:**

- Qualified applicants will continue to enter the dairy industry.
- Assist with business plan development and technical expertise.

##### **Actual Results:**

- Worked with Dairy Farmers of Manitoba (DFM) to evaluate and provide business planning services to two applicants for the New Entrant Dairy Program. One (1) applicant was successful and will have free use of quota for eight years.
- Updated and published costs-of-production for milk production, three types of bison production and four types of swine production. Initiated updating the cost-of-production for sheep.
- Worked with clients on one sheep and four bison farm business plans.
- Developed the 2012 Manitoba Farm Machinery Custom and Rental Rate Guide.

#### **Objective D: Growing rural business.**

##### **Expected Results:**

- Provide management and marketing assistance to the First Nations Bison Marketing Station.

##### **Actual Results:**

- Co-ordinated ongoing educational sessions with the Manitoba First Nations Bison Marketing Station participants.
- Conducted biweekly visits to the First Nations Bison Marketing Station, working with the station manager in the areas of marketing, records and bison husbandry. Visits also served to build the confidence of the manager in operating the station and the Ebb & Flow bison herd.
- Assisted with the application to form the "Manitoba First Nations Bison Co-operative Inc."

## **PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

### **Objective A: Ensuring a healthy agro-ecosystem**

#### **Expected Results:**

- Increase knowledge of producers on sustainable manure management including treatment and storage options, and alternative feeding and housing practices.

#### **Actual Results:**

- Co-chaired the Manitoba Livestock Manure Management Initiative (MLMMI). Worked with MLMMI and the Prairie Agricultural Machinery Institute (PAMI) to develop a manure separator testing project.
- Participated in the Phosphorous Committee with the industry and U of M to discuss research, demonstration and extension needs of the livestock industry. Participation was intended to better manage manure so as to reduce phosphorous losses to the environment and comply with regulatory requirements by 2013.
- Presented information on manure application technologies at a manure applicator training course.
- Worked with the Manitoba Egg Producers (MEP) Board to develop design criteria to lower costs for solid manure storages. A pole-shed manure storage was constructed with overall construction costs for the storage recorded and compared to typical concrete manure storage.
- Investigated nuisance complaints related to two dairy farms and one pig farm.
- Completed a field study of phosphorus in dairy wash water. Sampled wash water on 13 farms and produced recommendations on methods of reducing phosphorus content.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- Increase the implementation and uptake of on-farm food safety programs of all livestock groups including the Verified Beef Program and the development of a Canadian Bison Association on-farm food safety program at the First Nations Bison Marketing Station.
- Continued to provide on-farm milk quality services with the DFM.
- Provide diagnostic testing for food-borne and zoonotic diseases such as salmonella, influenza and E. coli.

#### **Actual Results:**

- Co-ordinated seven Verified Beef Program meetings.
- Continued to work with the First Nations Bison Marketing Station and an individual First Nation producer in the development of an on-farm food safety program.
- Staff made 35 farm calls to Manitoba dairy producers to troubleshoot milk quality, taste and antibiotic issues. All calls were referred to the LKC by producer relations at the DFM.
- Veterinary Diagnostic Services (VDS) communicated results on 4,364 milk cultures.
- VDS conducted 127,528 tests of which 108,305 were designated for food animals.
- VDS performed daily testing of food-borne and zoonotic diseases including 5,178 salmonella screening tests and 4,169 tests for Influenza.

### **Objective B: Protecting animals.**

#### **Expected Results:**

- Assist in investigating animal welfare inspections, developing foreign animal disease emergency plans and promoting biosecurity and animal welfare.

- Maintain and enhance services to meet industry and government demands which include the construction of a Foreign Animal Disease (FAD) laboratory and the enhancement of electronic data collection system.

#### Actual Results:

- Represented MAFRI on the National Disposal Discussion Group. The group's mandate is to improve preparedness throughout Canada by developing acceptable and collaborative procedures for mass depopulation for animal welfare, disease control and other situations as they may arise. It is tasked with developing and planning a co-ordinated disposal response during emergencies.
- Participated in the National Goat Biosecurity Advisory Committee.
- Presented two biosecurity meetings in co-operation with Manitoba Pork Council and Canadian Swine Health Board.
- Reviewed Manitoba Beef Producer's "Beef Biosecurity Guidebook" and the Manitoba Veterinary Medical Association clinic biosecurity rules.
- Represented MAFRI on the National Livestock Market Interruption Strategy Steering Committee. The committee's mandate is to find methods of increasing market recovery after a border closure or disease event.
- Participated in the Feral Pig meeting held by the Canadian Swine Health Board to discuss the issues around feral pigs.
- VDS performed 1,596 tests for the Chief Veterinary Office (CVO) as part of the animal welfare investigations including necropsies. Staff also participated in federal table top exercises used to develop foreign animal disease emergency plans. VDS continues to support and provide expertise towards the development and implementation of the federally-sponsored Canadian Animal Health Surveillance Network (CAHSN).
- A Veterinary Forensic Certificate program is being completed by a staff member at the University of Florida Colleges of Medicine and Veterinary Medicine. The purpose of this is to gain additional knowledge and expertise to be used in the area of animal welfare diagnostics.
- The construction of the FAD laboratory has been completed. Final testing of ventilation occurred in February, 2013. As of March 31, 2013, the facility is awaiting a certification audit by Canadian Food Inspection Agency (CFIA).
- VDS assisted in the diagnosis and management of provincially reportable diseases such as infectious laryngotracheitis (ILT) and H1N1 influenza in turkeys.
- The VetLab electronic data collection system was upgraded and implemented in March, 2013.

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY**

### **Objective A: Improving service to clients.**

#### Expected Results:

- Ensure quality assurance, traceability and increase the status of VDS. Accreditation is the most definitive way to demonstrate the validity and accuracy of test results to clients and trade partners. It is anticipated that accreditation will eventually become mandatory for diagnostic laboratories. It is currently required by CFIA for foreign animal disease testing.
- Laboratory that meets current standards for biosafety, increased efficiency and future expansion for increased test volume or to implement new testing methods.
- Ensure test methods are current and able to detect new strains of pathogens.

#### Actual Results:

- The VDS laboratory continued development of the Quality Management Program to ensure consistency, accuracy and traceability for all testing procedures. VDS also participated in 19 proficiency testing programs co-ordinated by various agencies including CFIA and CAHSN.
- VDS participated with other provincial animal laboratories in consultations examining the

creation of a regional animal health system for Western Canada. This collaboration would allow for the sharing of resources and expertise among animal health laboratories.

- VDS staff delivered general and technical veterinary diagnostic presentations to U of M and Red River College students throughout the year. Additionally, they presented at the joint Manitoba Veterinary Medical Association (MVMA)/ Manitoba Animal Health Technologists Association (MAHTA) conference.
- VDS developed and implemented the following routine diagnostic virology tests based on client need:
  - Porcine rotavirus group B
  - Porcine parvovirus
  - Bovine viral diarrhea virus (BVDV)
  - Infectious bovine rhinotracheitis (IBR) (bovine herpesvirus-1) (BHV-1)
  - Bovine respiratory syncytial virus (BRSV)
  - Mycoplasma hyorhinis
  - Re-designed PCV-2a and 2b typing real time PCR

### Objective B: Evaluating program effectiveness.

#### Expected Results:

- Client responses indicate where improvement is required for enhancing client service at the Veterinary Diagnostic Laboratory.
- Consultation ensures the services remain relevant to industry.

#### Actual Results:

- A series of Conversation Cafés were held at five locations; Brandon, Dauphin, Steinbach, Stonewall and Winnipeg, during the months of November and December with VDS stakeholders to discuss their current and future service needs. As part of this process, preliminary and post meetings were held with VDS, CVO and LKC staff both to participate in the exercise as well as to analyze the results of the consultation sessions. Information obtained at these meetings is being incorporated into a VDS Strategic Management Plan document to be presented in 2013.
- Resumption of Manitoba Animal Health Bulletin as a communication tool distributed to veterinary and livestock clients on a quarterly basis.

### Objective C: Managing financial and human resources to effectively implement department priorities.

#### Expected Results:

- Reduced processing time and increased testing accuracy and efficiency.
- New equipment is more accurate, precise, easier to operate and faster.

#### Actual Results:

- Implementation of new equipment and technologies such as a tissue processor and Cytospin provided more accurate and efficient diagnoses with less input requirements.

### 4 (a) Livestock Industry

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)
(1) Salaries and Employee Benefits	4,869	64.00	4,879	(10)
(2) Other Expenditures	1,697		1,772	(75)
(3) Grant Assistance	488		495	(7)
<b>Total Sub-Appropriation</b>	<b>7,054</b>	<b>64.00</b>	<b>7,146</b>	<b>(92)</b>



## Appropriation 4 (b) – Chief Veterinary Office / Food Safety

A strategic vision has been developed for the Office of the Chief Veterinary Officer (CVO) that outlines the mandate and operation of the CVO/Food Safety Knowledge Centre for the next five to 10 years.

The guiding principles for the Office of the CVO/Food Safety Knowledge Centre have been translated into five goals for action:

**1. To protect the health of the public from diseases that can pass directly or indirectly from animals to people (Zoonotics).**

The purpose of this goal is to be able to detect, evaluate and respond to animal diseases that can directly threaten human health. This would include diseases such as avian influenza, H1N1 influenza, tularemia, enterotoxigenic *Escherichia coli* and *Salmonella*.

**2. To protect the safety and security of the food supply, to safeguard the health of Manitobans and to justify confidence in Manitoba's food system at home and abroad.**

Programming in food safety will provide regulatory oversight and extension support to stakeholders. Food security activities will focus on maintaining the Food Crisis Emergency Database which contains information on food production capacity in the province.

**3. To protect the health and welfare of animals for economic and intrinsic benefit.**

This goal will focus on protecting the economic interests of producers, protecting the supply of animal-based food, and protecting the welfare of animals.

**4. To protect trade in agricultural products through health certification and assurance programs.**

This will promote agricultural trade and the economic viability of Manitoba producers.

**5. To develop critical information management – information technology tools and systems that provide the foundation for accomplishing Goals 1 to 4.**

### PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION

#### Objective A: Building a supportive business environment.

##### Expected Results:

- Animal welfare standards and policies are in place.
- Early warning and emergency response systems are continuously improved.

##### Actual Results:

- MAFRI, through its participation in the federal/provincial/territorial (FPT) Council of Chief Veterinary Officers (CCVO) and the National Farmed Animal Health and Welfare (NFAHW) Council, continues working at the national level to ensure animal welfare policies and programs are consistent with those in other provinces.
- There are 80 Animal Protection Officers (APOs) located throughout Manitoba who perform inspections and assist the CVO with implementing *The Animal Care Act* on a contract basis. MAFRI continues offering annual training to APOs to ensure high standards are observed.
- Manitoba chaired the Premises Identification Technical Solution working group, part of the Industry Government Advisory Committee (IGAC). Working with the Canadian Cattle Identification Agency (CCIA) the traceability system can now accept provincial Premises Identification Numbers, thereby paving the way for reporting of animal movements across Canada.
- Manitoba is leading the IGAC Data Interoperability Working Group and the IGAC Data Integrity Working Group, in an effort to learn and guide data integrity across Canada.
- Manitoba participated in the Traceability National Information Portal (TNIP) project with the



Canadian Food Inspection Agency (CFIA), the CCIA and Alberta Agriculture and Rural Development (AARD). It successfully brought together traceability information from all of these service providers. This is a critical step towards a national traceability system. The department was a key player.

- Premises Identification (PID) information was used in all disease investigations.
- Decision Support System for Animal Emergencies (DSSAE) information was used in all disease investigations to track statuses and actions. DSSAE has been utilized between emergencies to track more than 28 disease investigations.
- The MAFRI Surveillance Network is continually improved and refines its early warning surveillance systems for animal diseases, especially for those reportable under *The Animal Diseases Act*. This continues to provide early recognition of unusual disease trends so that further investigation can be initiated in a timely manner.
- MAFRI's CVO and Veterinary Diagnostic Services (VDS) continue working in partnership with FPT governments, veterinary colleges and animal health laboratories. Best diagnostics practices are shared for establishing common protocols, especially for major animal diseases that can impact international trade and/or human health.
- The Geographic Information System (GIS) was used to assist with mapping disease outbreaks and with emergency management. Outputs were used to proactively contact farmers and were also used by decision-makers for emergency response and recovery programs.
- MAFRI developed the capacity to integrate animal and human health data and analyze this with diverse agricultural, environmental and socio-demographic information. MAFRI was an active participant in the Situational Awareness GIS Co-ordination Group led by Manitoba Emergency Measures Organization (EMO), which is co-ordinating emergency mapping preparedness amongst partnering organizations for Manitoba emergencies.
- MAFRI partnered with the CFIA, Manitoba EMO, Public Safety Canada and Manitoba Health (MH) to host an Avian Influenza table-top exercise early in 2013. The exercise brought together 80 people from more than 25 agencies serving to familiarize partners with the updated AI response plan.
- MAFRI, as a member of the Canadian Zoning Committee, worked with the West Hawk Lake Zoning Initiative to be able to separate parts of the country during an animal disease outbreak in Canada. West Hawk Lake is a natural control point that can be used to stop movement between the two zones as there is only one road from Manitoba to Ontario.

## Objective B: Building markets.

### Expected Results:

- Animal health and welfare programs build public confidence in Manitoba livestock products.
- Food safety systems build public confidence in Manitoba food products.

### Actual Results:

- Twenty-seven (27) turkey flocks were tested for AI to allow export to a poultry abattoir in Minnesota.
- Eleven (11) turkey breeder flocks are on a regular monitoring program for *Salmonella* spp and *Mycoplasma* spp. The program allows for regular export of turkey poult to the U.S.
- Forty-one (41) poultry breeder flocks (35 broiler, six layer) are on regular monitoring for *Salmonella* spp and *Mycoplasma* spp. While none of the flocks regularly export, the program allows local producers to have confidence in the health of the chicks they purchase. It has also assisted the layer hatcheries in accessing other provincial markets.
- Nine (9) elk farms in Manitoba tested 105 farmed elk for Chronic Wasting Disease (CWD), either through on-farm mortalities or through slaughter surveillance. The program provides a level of assurance that CWD does not enter Manitoba elk farms. The CWD testing program also tested 300 wild cervids submitted by Manitoba Conservation, from areas of Manitoba adjacent to high risk CWD areas in Saskatchewan.
- Twenty-four (24) small farm flocks with higher than expected mortalities were tested for AI. One

of these flocks was identified as having Infectious Laryngotracheitis (ILT), leading to a subsequent disease investigation.

- Ongoing monitoring of carcass condemnations at provincial abattoirs has allowed for an assessment of health, welfare and food safety issues of locally marketed animals. Abscesses, pneumonia and intestinal disease were the key reasons swine were condemned. Cattle were condemned primarily for welfare reasons such as emaciation. Poultry condemnations were primarily carcass quality issues that the abattoirs rejected. No specific condemnation predominated.
- Ongoing monitoring of submissions to VDS is undertaken; a long term plan to effectively utilize this information is progressing with the intent to produce regular quarterly reports based on syndromes and specific diseases.
- MAFRI continues to promote the eradication of bovine tuberculosis (TB) in the Riding Mountain Eradication Area (RMEA) and is actively working in collaboration with other government agencies and stakeholders through groups such as the TB Task Group, the Expert Working Group and the Senior Officials Forum. A TB Co-ordinator was hired and has been supported by all stakeholders including Parks Canada, Agriculture and Agri-Food Canada (AAFC), CFIA, MAFRI and Manitoba Conservation and Water Stewardship (MCWS). MAFRI provides staff resources for on-farm risk assessments and disease investigations for producers.
- MAFRI continues to support the adoption of preventative food safety programs throughout the food continuum as a means to reduce food-borne risks.
- Through Growing Forward, \$449 thousand was provided to processors for the implementation of food safety programs in 2012/13.
- Technical assistance was provided to processors to develop their food safety programs. Fifty-five (55) programs were reviewed by staff.
- MAFRI developed a customizable basic Good Manufacturing Practices (GMP) guidebook to assist processors to begin the process of developing food safety programs.
- Food Safety staff participated in seven tradeshow where food safety information was distributed to both industry and the general public.
- Food safety presentations were delivered at three events attended by the general public.

#### **Objective D: Growing farm business.**

##### **Expected Results:**

- Regulatory reform enhances the business climate while providing protection of the public good.

##### **Actual Results:**

- MAFRI is preparing to take over meat inspection services in provincial abattoirs from the CFIA by December 31, 2013. MAFRI is replacing the federal legislative oversight for animal welfare at the time of slaughter with a provincial regulation that is expected to be in force by the time of devolution. Two (2) Regional Meat Hygiene Supervisors and 16 Meat Inspectors are in the process of being hired. One (1) Food Safety Veterinarian was hired.
- Manitoba, Saskatchewan, Alberta and British Columbia have formed the Western Canadian Meat Inspection Network to facilitate a common approach to meat inspection in Western Canada and to leverage each other's resources and expertise.
- A Consultant was employed to provide guidelines for modernization of Manitoba's provincial meat inspection system including regulations.
- Draft regulations under *The Food Safety Act* and Related Amendments for food processors and abattoirs have been made.
  - Proposed regulations are outcome based and founded on science and food safety risk.
  - Consultation will start with stakeholders to assess and revise drafts as required to protect the public good and provide a transparent equitable business environment.
- Amendments to the Food and Food Handling Establishment Regulation are near completion for transition of provincial meat inspection from CFIA to the province.

### **Objective E: Increasing agricultural productivity.**

#### **Expected Results:**

- Animal disease surveillance and outbreak investigation programs mitigate the effects of disease on livestock.

#### **Actual Results:**

- Ten (10) animal health investigations were conducted in 2012. The diseases/conditions investigated were as follows:
  - Long term antibiotic residue in a dairy herd.
  - Canine distemper in raccoons in the city of Winnipeg causing signs similar to rabies.
  - Diarrhea in animals and people associated with a petting zoo.
  - A reportable poultry respiratory disease (ILT) in a small farm flock.
  - A report of influenza in people and pigs associated with a swine farm. The resulting investigation revealed that the influenza was not significant but did lead to a significant animal welfare investigation.
  - Contact between people and a young dog infected with rabies.
  - A reportable enteric disease, Salmonella Enteritidis (SE) in three poultry operations in Manitoba.
  - An investigation into an emerging parasite in Manitoba bison herds.

## **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

### **Objective A: Building a supportive business environment.**

#### **Expected Results:**

- Train food processors in food safety standards.

#### **Actual Results:**

- MAFRI continues to provide food safety training to food processors and related stakeholders, in 2012/13:
  - Sixteen (16) public food safety training workshops were delivered on a variety of food safety topics.
  - Four (4) customized training sessions were delivered at food processing facilities.
  - Food safety training was provided to almost 700 participants.
- In addition to providing classroom training, additional methods have been used to deliver food safety information to processors:
  - Ten (10) food safety e-bulletins sent to 700 subscribers.
  - The Food Safety and Quality section of the website now contains comprehensive food safety information. In 2012/13 there were 534,744 page views.
  - One (1) food safety fact sheet and two technical documents were developed.
  - MAFRI has established a Food Safety Technical Resource Centre through Growing Forward in which processors can ask specific food safety questions or request information on a particular topic. Two hundred twenty-one (221) technical requests were addressed.
- Completed a pilot project that demonstrated the benefits of the implementation of a Hazard Analysis Critical Control Point (HACCP) system. Results of the project were shared with industry as a presentation and facility tour.

**Objective B: Building markets.**

**Objective C: Introducing new rural income streams.**

**Objective D: Growing rural business.**

**Objective E: Growing food business.**

*The following expected results have been identified for the four objectives listed above under Priority 2:*

**Expected Results:**

- Through the Growing Forward, Food Safety programs for producers; Manitoba food processors are able to meet national and international food safety standards and access new markets.

**Actual Results:**

- MAFRI worked with the major producer associations, through Growing Forward funding, to develop on-farm biosecurity assessment and health certification programs for several disease issues.
- In conjunction with Manitoba Beef Producers, a biosecurity certification program was developed for beef producers in the two areas in Manitoba affected by anaplasmosis.
- Working with Manitoba Dairy Farmers, a Johne's disease control and biosecurity program was implemented.
- The poultry associations participated in control and monitoring programs for SE.
- The Canadian Swine Health Board and the Manitoba Pork Council focused on training producers and veterinarians to implement the national biosecurity program in Manitoba.
- Through Growing Forward funding, 199 on-farm biosecurity consultations between producers and their veterinarians were completed.
- MAFRI conducted three Manitoba HACCP Advantage food safety audits. The successful certificates allow businesses to maintain or gain new markets.
- Through Growing Forward funding, financial assistance was provided to five facilities to implement stringent international food safety standards to meet customer requirements.
- MAFRI continues to provide technical assistance and training to food processors on food safety standards that are required to maintain and enter new markets.
- MAFRI provides support to processors to adopt a wide variety of food safety programs (from very basic to comprehensive) that allows industry to improve their food safety management practices while meeting the specific needs of their customers.

**PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

**Objective A: Ensuring a healthy agro-ecosystem.**

**Expected Results:**

- A One Health approach is applied to issues that affect human health, agriculture and the environment and a common policy and operational framework is established.

**Actual Results:**

- Six (6) of the 10 disease investigations conducted by the CVO in 2012 were either zoonotic disease or contaminations of animals consumed for food. Rapid disease response into these situations limited the amount of human exposure both to infected animals and to food from infected animals. In all cases, MAFRI worked closely with public health following the One Health approach.
- MAFRI is working with Manitoba Health and Manitoba Conservation and Water Stewardship, to

create an interdepartmental mechanism to deal with the four disease programs that CFIA is eliminating this year (rabies, anthrax, anaplasmosis, and chronic wasting disease). By sharing technical resources, program delivery, policy development, and strategic thinking, all three departments can address these issues collaboratively to improve surveillance, prevention and response. This collaboration is expanded to also include:

- SE surveillance for human and animal health. MAFRI is partnering with MH to conduct this activity. Through the One World One Health (OWOH) group, the One Health Management System was developed. It is a data management and data interrogation system that allows MAFRI and MH to work together on joint surveillance.
- For other zoonotic diseases, MAFRI works closely with human health professionals, both nationally and provincially, through groups like the Zoonotic Diseases Steering Committee, Animal Emergency Committee, National Non-Enteric Zoonotic Diseases Committee and the One World One Health group to enhance policy co-ordination among human health, wildlife, and domestic animal health departments. These committees also act as an important platform for sharing experiences, circulating scientific advice and building partnerships.

### **Objective C: Increasing agricultural productivity.**

#### **Expected Results:**

- Animal disease outbreaks are controlled.

#### **Actual Results:**

- Five (5) of 10 disease investigations conducted by the CVO in 2012 were into diseases that can impact livestock productivity and food safety significantly. SE was confirmed on one of two suspect poultry operations. The diagnosis led to a full flock depopulation to prevent infected eggs from going to market. A small hobby flock was identified as having ILT and currently remains under long term quarantine.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- Reduction or control of food safety hazards, resulting in safer food production.
- Most Manitoba livestock products are registered in the premises identification database.
- Ensure compliance to food safety regulations.
- Establish baseline information for pathogenic bacteria, assess trends and identify emerging issues.
- Co-operative approach to surveillance and food inspection activities.

#### **Actual Results:**

- MAFRI provides support for the implementation of food safety programs through the food continuum, from the farm to the sale of food to the consumer. These programs are globally accepted as the foremost means to improve food safety globally. (*Refer to Priority 2 and Priority 5, Objective C about food safety programs and education*).
- Provided assistance to industry to implement HACCP based preventative food safety programs. These programs assist producers/processors to reduce and control biological, chemical and physical food safety hazards.
- MAFRI participates as a member of the Canadian Grain Commission Technical Expert Advisory Committee to develop generic food safety programs and provide technical analysis with the objective of improving grain safety.
- MAFRI partnered with MH to develop and deliver mandatory food safety training to all Folklorama pavilions to ensure food safety remains a priority.



- The FPT Ministers of Agriculture committed to creating a mandatory National Agriculture and Food Traceability System. MAFRI actively participates in the FPT Traceability Task Team (TTT) and Industry Government Advisory Committee on Traceability. MAFRI gave 26 presentations on traceability in the 2012/13 fiscal year regarding the premises identification database as a key component of the agri-food traceability system.
- There are 5,431 premises identified in Manitoba. Premises Identification statistics (June 28, 2013) have increased to 100% commercial: pigs, chickens, eggs, turkeys, dairy and elk.
- Statistics below are based on 2011 Census and represent Farm-Type Premises only.

#### **CATTLE**

Estimate	PID	%
7588	2845	37%

#### **SHEEP**

Estimate	PID	%
521	240	46%

#### **GOATS**

Estimate	PID	%
387	92	24%

#### **HORSES**

Estimate	PID	%
2894	546	19%

- MAFRI's Health Officers under *The Public Health Act* continue to inspect food processors under this Act until the regulations under the new *Food Safety Act* are completed. A draft of the new regulations is near completion. MAFRI continues to move this important legislation forward as it is essential for *The Food Safety Act* to be proclaimed prior to MAFRI assuming responsibilities for meat inspection in the provincial abattoirs.
- There are approximately 450 non-federally registered processing and distribution facilities in Manitoba. MAFRI conducted 365 inspections in 358 facilities in the 2012/13 fiscal year.
- Under Inspection Services, two Agri-Food Inspectors were hired.
- There are 337 dairy farms in the province. The dairy farm inspection program focuses on higher risk premises, and in 2012/13, staff conducted 53 inspections.
- MAFRI is represented on the FPT National Dairy Technical Equivalency Committee, tasked with harmonizing provincial dairy farm inspection programs with the National Dairy Regulation and Code.
- Extensive collaboration continued with MH regarding the harmonization of the food inspection system. This work is essential to meet the Office of Auditor General report recommendations.
- MAFRI continued to work with the joint inspection database with MH (Hedgehog). The database is being continually upgraded to accommodate risk-based inspection.
- MAFRI adopted a risk-based inspection system for food processing and distribution establishments in July of 2012. The risk-based inspection system determines risk level on these factors:
  - type of manufacturing process
  - type of structure and processing equipment
  - size of operation
  - past history of compliance



- level of training for staff, and type of establishment (ex: bakery, bottler, grain processor, etc)
    - o The system has three levels of risk categories that require inspection to be performed one to three times per year.
- MAFRI delivers on-farm and post-farm food safety programs by promoting adoption of certification programs and by inspecting provincially licensed food processors and abattoirs. At the national level, MAFRI participates in the FPT Food Safety Committee, a forum for the development of national food safety standards and is supporting the FPT Ministers of Agriculture three priority areas of focus, namely:
  - Enhanced surveillance of domestic and imported foods, including the integration and sharing of baseline data.
  - Pathogen reduction in meat and poultry.
  - Common national meat hygiene standards.
- Design and implementation of surveillance projects were continued that contribute to the development of baseline data of food safety hazards. This information is also used to design risk-based inspection models.
  - A water surveillance project began in January 2012. In 2012/13 fiscal years samples have been analyzed from 79 food processing facilities.
  - Conducted voluntary environmental monitoring surveillance program in select food processing plants. Tested for common food borne pathogens in the environment as well as indicator organisms on food contact surfaces. Results were used to assess the effectiveness of 10 facility sanitation programs.

## **Objective B: Protecting animals.**

### **Expected Results:**

- Participate in national animal health and welfare forums and assume leadership roles.
- Animal health and welfare is maintained and improved.
- Animal disease outbreaks are investigated promptly.

### **Actual Results:**

- MAFRI participated in the following national animal health and welfare forums, assuming leadership roles:
  - CCVO working group on antimicrobial use and resistance
  - National Humane Depopulation working group (which is now attached to the Livestock Market Interruption Strategy)
  - National Farm Animal Care Council Animal Welfare Dilemma of a Market Breakdown Workshop
  - Canadian Swine Health Board Humane Destruction Centers
  - Surveillance and Epidemiology Advisory Committee
  - Provincial/Territorial Working Group on CFIA Rabies Changes
  - Biosecurity for Canadian Dairy Farms: National Standards Advisory Committee
  - Centre for Emerging and Zoonotic Disease Integrated Intelligence and Response (CEZD-IIR)
  - Long term disease management advisory group for Canadian Swine Health Board
  - Canadian Swine Health Information Network - Western region
  - National Salmonella Enteritidis working group
  - Chronic wasting disease advisory group for CFIA
  - Bovine TB task group, Bovine TB Scientific Review Committee
  - CanSwineSurv advisory group
- Technical presentations have been delivered in the following forums:
  - Alberta Veterinary Medical Association Leadership Weekend, Carriage House Inn
  - BC Dairy EXPO 2013
  - Canadian Association for Laboratory Animal Medicine
  - Calgary College of Veterinary Medicine

- Summit of Veterinary Leaders, Canadian Veterinary Medical Association Convention
- Iowa Veterinary Medical Association Winter Conference
- Annual General Meeting Iowa Veterinary Medical Association
- Fall Producer Meeting Feet First. Preventing Sow Lameness
- 3<sup>rd</sup> International Symposium on Beef Cattle Welfare
- Survey of Veterinary Medicine
- Publications:
  - Green, C. Geographic information systems and Public Health: Benefits and Challenges. Purple Paper 2012; 37:1-12. National Collaborating Centre for Infectious Disease.
  - Whiting TL, Postey RC, Chestley ST, Wruck GC. Explanatory model of cattle death by starvation in Manitoba: forensic evaluation. Can Vet J. 2012; 53(11):1173-1180.
  - Kloeze H, Berezowski J, Bergeron L, de With N, Duizer G, Green C, McNab B, VanderKop M. A minimum data set of animal health laboratory data to allow for collation and analysis across jurisdictions for the purpose of surveillance. Transboundary Emerging Diseases. 2012 Jun; 59(3):264-268.
- In the 2012/13 fiscal year, the department conducted 600 animal welfare inspections for 444 cases, resulting in 13 animal seizures (nine food animals, four companion animals) and 49 voluntary surrenders. Three (3) new cases are going to trial and there are six cases before the courts from previous years.
- The Winnipeg Humane Society (WHS) is under contract with MAFRI to handle the animal welfare complaints within the City of Winnipeg and to provide after hours monitoring of the Animal Care Line. The WHS also supports the CVO by providing emergency housing for small animals that are seized.

#### ANIMAL WELFARE STATISTICS 2012

**Total number of humane cases filed = 444**

**Percentage of Cases by:  
Outcomes**

**Per Species**

Corrective	43%	Canine	44%
Dismissed	39%	Equine	17%
Pending	2%	Feline	13%
Surrender	11%	Misc	12%
Seized	3%	Bovine	8%
Order	1%	Ovine	2%
Ticket Issued & Prosecuted	1%	Porcine	2%
		Avian	2%
		Bison	0%

**Top 5 Concerns**

**Section of the  
Animal Care  
Act**

1. Fail to ensure adequate source of food and water for an animal.	2 (1) (a)
2. Fail to provide adequate medical attention for an animal when it is wounded or ill.	2 (1) (b)
3. Fail to provide an animal with reasonable protection from injurious heat or cold.	2 (1) (c)
4. Confine an animal to an enclosure or area with unsanitary conditions, so as to significantly impair the animal's health or well-being.	2(1) (d)(ii)
5. Inflict upon an animal acute suffering, serious injury or harm, or extreme anxiety or distress that significantly impairs its health.	3 (1)

### **Objective C: Growing food business.**

#### **Expected Results:**

- Maintain public confidence in Manitoba's food systems.
- Training and education provided to processors prepares them to meet global food safety requirements and remain competitive. *Refer to Priority 2, Objective A for actual results.*
- Increased export of Manitoba food products.

#### **Actual Results:**

- MAFRI provided both financial and technical support to the agri-food industry with the goal of ensuring a safe food supply. A farm to fork approach has been adopted to eliminate any weak links in the food continuum.
- The department has implemented a risk based food safety inspection system to ensure resources are being effectively utilized and focus is being placed on high risk areas of food production.
- The adoption of food safety programs has been increased in both the food production and processing sectors. These programs not only improve food safety but also allow the food industry to remain competitive nationally and internationally.
- Manitoba seeks to create opportunities for Manitoba meat processors by seeking increased opportunities for inter-provincial trade of meat. Through a number of national pilot projects to upgrade selected meat processing plants, a meat facility was chosen by the Common National Meat Hygiene Standard Working Group as Manitoba's pilot project. The plant received \$133.3 thousand in federal funding and \$200 thousand in provincial funding for upgrades in 2012/13.

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY**

### **Objective A: Improving service to clients.**

#### **Expected Results:**

- Information management tools are continually improved and used for emergency management. *Refer to Priority 1, Objective 1 for actual results.*
- Develop regulatory programs that minimize the paperwork burden on producers and the industry while increasing the confidence that livestock medicines are used prudently in this province.

#### **Actual Results:**

- MAFRI participates in the National Committee on Antimicrobial Use in Animal Agriculture to help shape national policy and to promote good stewardship in antimicrobial use in animal agriculture. In order to track antimicrobial resistance in Canada, MAFRI participates in the Canadian Integrated Pathogen Antimicrobial Surveillance Team and C-enters, a Public Health Agency of Canada project that tracks antimicrobial resistance in food. MAFRI is also working with industry and government, to improve the monitoring of antimicrobial use and to support programs that deliver seminars on the prudent use of animal health products.
- A request to change regulations to address specific reportable diseases (Anthrax, Rabies), risks associated with introducing a disease, emerging diseases and better disease response tools has been made. It is expected regulatory drafting will begin over the fall of 2013.
- The CVO will continue to work nationally/collaboratively to improve our knowledge of antimicrobial use, resistance and options. The goal of these efforts is to develop an optimal program that will ensure prudent use and surveillance while minimizing excessive requirements on the producer.

**4 (b) Chief Veterinary Office/Food Safety**

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	2,519	52.00	2,639	(120)	
(2) Other Expenditures	2,217		2,343	(126)	
<b>Total Sub-Appropriation</b>	<b>4,736</b>	<b>52.00</b>	<b>4,982</b>	<b>(246)</b>	

## Appropriation 4 (c) – Crop Industry

The key role of the Crops Knowledge Centre (KC) is to provide critical intelligence and recommendations on a range of issues pertaining to efficient production, processing and marketing of crops suited for production in Manitoba. The underlying principles for priority development include:

- enhancement of net farm income
- rural community development
- environmental sustainability

The Crops KC plays a key leadership role in identifying and supporting provincial strategies that enhance development in three areas of agriculture and rural development: crops, apiculture and woodlot production. The Crops KC also collaborates with Growing Opportunity teams, other knowledge centres, and other agencies in developing initiatives that improve net income and the development of related industries in rural Manitoba.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Collect and distribute weather data such as air temperature, relative humidity, rainfall, wind speed and direction and soil temperature from 45 permanent and 15 to 20 seasonal weather stations.
- Diagnosis of on average 1,000 crop samples for plant diseases, herbicide injury and insect damage and identification of weeds and insects.
- Inspection of 3,500 honey bee colonies and diagnosis on 300 samples for diseases.
- Inspection of 85 leaf cutting bee operations and diagnosis on 130 samples for diseases.

##### **Actual Results:**

- Collected and distributed weather data such as air temperature, relative humidity, rainfall, wind speed and direction and soil temperature from 45 permanent and 20 seasonal weather stations. Snow accumulation data was added from 25 sites.
- Diagnosis was completed for more than 1,206 crop samples for plant diseases, herbicide injury and insect damage and identification of weeds and insects.
- Responded to more than 500 requests for information regarding insects and insect diseases.
- Inspected 2,800 honey bee colonies and diagnosed 303 samples for disease. Fewer hives were inspected due to the warm weather which shortened the length of inspection time.
- Inspected 67 leaf cutting bee operations and diagnosed 100 samples for diseases. The number of leaf cutting bee operations has decreased in recent years, which has resulted in fewer inspections.
- Posted weekly reports on the MAFRI website including the Crop Report (in partnership with GO Team staff), Commodity Report, Insect and Disease Report, Fusarium Report, and the weekly Weather Report.

##### **Additional Results:**

- Provided input into the development of the following National Biosecurity Standards - Grain and Oilseeds, Bee, and Potato in partnership with the Canadian Food Inspection Agency, Industry, Grower Associations and other Provincial representatives.
- Sampled 140 Canola fields for disease in the Canola Disease Survey.
- Co-ordinated provincial programs to trap moths of bertha armyworm (76 locations) and diamondback moth (83 locations) and forecast risk of larvae being at economic levels.
- Co-ordinated survey of grasshoppers and produced a grasshopper forecast for 2013.



- Monitored spread of established, new, and invasive insects in Manitoba and participated in information sharing with the Prairie Pest Monitoring Network.
- Worked with Agriculture and Agri-Food Canada (AAFC) on the 2012 Fusarium Head Blight (FHB) Survey in Winter Wheat.
- Worked with Crop Development Centre on the 2012 FHB Survey in Oats.
- Evaluated Manitoba and prairie crop protection needs for Minor Use Pesticide and Emergency Use registration. Presented Manitoba priorities for federal research and evaluation. Applied for emergency use registrations on behalf of the province.

### **Objective B: Building markets.**

#### **Expected Results:**

- Expand horticulture crop industry through expanded domestic consumption of local horticulture crops.
- Maintenance of supply of high quality product to the three frozen potato processing facilities and one chipping potato processing facility.
- Commercialization of two value-added projects adding to the Manitoba economy.

#### **Actual Results:**

- Assisted with the promotion of the "Prairie Fruit" branding campaign for Manitoba fruit growers to increase awareness of Manitoba fruit and overall consumption.
- Five (5) grass-fed beef products were developed and commercialized in several Winnipeg restaurant and retail venues.

#### **Additional Results:**

- Worked with the Canadian Malting Barley Technical Centre (CMBTC) to provide barley samples on new varieties so they can develop information to expand malting barley acceptance for those new varieties.
- Worked with the Manitoba Agri-Health Research Network (MAHRN) to investigate domestic value-chains for soybeans, edible beans, carrots, Saskatoons and sunflowers – focusing on utilization of off-grade products.

### **Objective D: Growing farm business.**

#### **Expected Results:**

- Complete technical reviews of proposals to the Agri-Food Research and Development Initiative, Agricultural Sustainability Initiative, Manitoba Rural Adaptation Council and the Sustainable Development Innovations Fund.

#### **Actual Results:**

- Completed technical reviews of proposals for Agri-Food Research and Development Initiatives (5), Agricultural Sustainability Initiatives (3) and Manitoba Rural Adaptation Councils (25).

#### **Additional Results:**

- Working with Farm Business Management staff, the 2013 cost-of-production factsheet was updated.
- Assisted the formation of the Manitoba Wheat and Barley Growers Association (MWBGA).
- Co-ordinated a fact finding mission to the mid-continental U.S. where three Manitoba Forage growers/exporters investigated potential new forage markets.
- Travelled to Nova Scotia to learn about their wild blueberry production industry. This information will be used to explore opportunities with wild blueberries in the Manitoba north.



**Objective E: Increasing agricultural productivity.****Expected Results:**

- Provide recommendations to producers and agri-businesses relating to field, forage, horticulture, organic production, medicinal and industrial crops, pasture and range management systems, weed, insect and disease control and soil fertility.
- Deliver technical presentations at, and actively participate in the organization of, industry workshops at events such as the Manitoba Agronomists Conference, Ag Days, Potato Days, Special Crops Symposium, Direct Farm Marketing Conference and commodity group workshops. Provide training to producers, industry and staff through the Field Crop Diagnostic School, potato field days and other agronomy meetings.
- New and updated factsheets and guides providing recommendations on crop production to growers and crop advisors.

**Actual Results:**

- Provided recommendations to producers and agri-businesses relating to field, forage, horticulture, organic production, medicinal and industrial crops, pasture and range management systems, weed, insect and disease control and soil fertility.
- Delivered technical presentations at, and actively participated in the organization of, industry workshops at events such as the Internal Farm Production Advisor (FPA) Training Event, Manitoba Agronomists Conference, Ag Days, Potato Days, Special Crops Symposium, Direct Farm Marketing Conference and commodity group workshops.
- Provided hands-on training to producers, industry and staff through the Field Crop Diagnostic School, Winter Wheat Survival Workshops potato field days and other agronomy meetings.

**Additional Results:**

- Organized and delivered the Horticultural Diagnostic School (HDS) in collaboration with the Canada Manitoba Crop Diversification Centre & Assiniboine Community College. There were 94 attendees at the HDS who had influence over 800 acres of vegetable production, over 300 acres of fruit production and over 43,000 sq. ft. of greenhouse production.
- Organized and summarized variety and production research trials with the Manitoba Crop Variety Evaluation Team (MCVET) to produce Seed Manitoba.

**PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING****Objective A: Building a supportive business environment.**

*\* See Priority 1, Objective B.*

**Objective C: Introducing new rural income streams.****Expected Results:**

- Continue to promote and assist on-farm, regional and provincial biodiesel crushing facilities as they develop.

**Actual Results:**

*\* See Priority 1, Objective B.*

**Objective D: Growing rural business.**

*\* See Priority 1, Objective D.*

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Contribute to increasing the numbers of northern gardens and greenhouses established in isolated communities to promote healthy eating.
- Increase organic production of flax, wheat, oats, spelt and horticultural crops through new transitioned producers and more acres of established organic farmers.

##### **Actual Results:**

- Trained four MAFRI staff associated with the Northern Agricultural Program, as well as six industry staff who assist northern communities develop vegetable, fruit and greenhouse production skills.

#### **Objective B: Enabling the sustainability of rural communities.**

\* See Priority 1, Objective D.

#### **Objective D: Growing rural business.**

##### **Expected Results:**

- New and updated factsheets and guides providing recommendations on crop production to growers and crop advisors.
- Work with rural municipalities in enforcement of *The Noxious Weed Act*.
- Deliver a licensing program and, together with Assiniboine Community College, deliver training for pesticide dealers and applicators and manure applicators.
- Grasshopper control supported provincially.

##### **Actual Results:**

- Published the Guide to Field Crop Protection, containing weed, disease and insect sections in partnership with the Saskatchewan Ministry of Agriculture. Updated the Western Committee on Crop Pests (WCCP) Guide to Integrated Control of Plant Pests.
- Published Seed Manitoba, in partnership with Manitoba Seed Growers and the Manitoba Co-operator.
- Developed Best Management Practices for Fruit Production Manual, Flooded Forage Restoration Manual and many agronomy articles for Crop KC Crop e-news online and producer association newsletters.
- Assisted rural municipalities with enforcement of *The Noxious Weed Act*.
- In association with Assiniboine Community College, issued 1272 licences to commercial pesticide applicators, 394 licences to pesticide retailers and 97 commercial manure applicator licences.
- Co-ordinated a rebate program for rural municipalities that control grasshoppers on public lands.

### **PRIORITY 4 – ENHANCING & SUSTAINING THE ENVIRONMENT**

#### **Objective A: Ensuring a healthy agro-ecosystem.**

\* Also see Priority 3, Objective D.

##### **Expected Results:**

- Co-ordinate the Crop Residue Burning Authorization Program to control smoke from crop residue burning, develop and extend technology related to straw management alternatives and promote alternative straw utilization opportunities.

**Actual Results:**

- The Crop Residue Burning Authorization Program issued 321 permits in 2012, balancing farmer practices with the human health of Manitobans. The season was completed with minimal smoke issues.

**Objective B: Introducing new rural income streams.**

\* See Priority 1, Objective D.

**Objective C: Increasing agricultural productivity.****Expected Results:**

- Provide weather and climate information to monitor, assess and project crop variety adaptation, crop diseases, weed and insect problems, crop yields and quality as well as other factors.

**Actual Results:**

- Provided weather data that was used to develop maps (actual and percent of normal) for temperature, growing degree days, rainfall and snowfall. Weather data was also used for disease forecasts influencing pest spray decisions, and to predict crop yields and quality.
- Disease and disease vector monitoring and information extension in potatoes maximizing control and minimizing impact.

**Additional Results:**

- Provided weather data and analysis used for provincial flood and drought forecasting. Provided data to federal and provincial departments for research and extreme event analysis.

**PRIORITY 5 – IMPROVING WELLNESS****Objective A: Protecting the safety of the Manitoba food supply.**

\* See Priority 1, Objective E.

**Objective C: Growing food business.**

\* See Priority 1, Objective B.

**Objective D: Expanding agriculture in the North.**

\* See Priority 3, Objective A.

**PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY****Objective A: Improving service to clients.****Expected Results:**

- Improved provincial certification services.
- Improved information dissemination using current technology.

**Actual Results:**

- Worked on development and administration of Crop Chatter, an electronic real time crop management forum. In the first partial season, provided 83 postings on [www.cropchatter.com](http://www.cropchatter.com) on a range of agronomic and crop management topics.

- Posted weekly late blight management information on a potato portal in co-operation with Keystone Potato Producers Association and Weather Innovations Incorporated (WiN).
- Created a distribution list of vegetable producers (large and small scale) for e-mailing announcements from the Horticultural Diagnostic School (HDS) and other related events/notices.

#### **Objective B: Evaluating program effectiveness.**

##### **Expected Results:**

- Specific feedback on areas to continue to develop and improve capacity.

##### **Actual Results:**

- Through study of evaluation forms filled out by clients, evaluated the effectiveness of the Crop Diagnostic School, HDS and Manitoba Agronomists Conference.
- Through phone surveys, estimated effectiveness of forage restoration program design and delivery.

#### **Objective D: Adhering to central and departmental policies and legislation.**

##### **Expected Results:**

- Administration of legislation (including enforcement) and revision as needed.

##### **Actual Results:**

- Administration of The Bee Act C.C.S.M.c.B15.
- Held public consultations about proposed revisions to the Noxious Weed Act.
- Drafted the Organic Agricultural Products Regulation.
- Administered the Manitoba Infrastructure and Individual Assessment Program (MIIAP) for horticultural, potato and livestock operations affected by the flood of 2011, but not covered under the Disaster Financial Assistance Program. Worked with 39 claims

#### **4 (c) Crop Industry**

<b>Expenditures by Sub-Appropriation</b>	<b>Actual</b>	<b>Estimate</b>	<b>Variance</b>	<b>Expl.</b>
	<b>2012/13</b>	<b>2012/13</b>	<b>Over/(Under)</b>	<b>No.</b>
	<b>\$(000s)</b>	<b>FTEs</b>	<b>\$(000s)</b>	<b>\$(000s)</b>
(1) Salaries and Employee Benefits	2,281	31.73	2,407	(126)
(2) Other Expenditures	584		670	(86)
<b>Total Sub-Appropriation</b>	<b>2,865</b>	<b>31.73</b>	<b>3,077</b>	<b>(212)</b>

## Appropriation 4 (d) – Agri-Food Innovation and Adaptation

The Agri-Food Innovation and Adaptation (AFIA) Knowledge Centre is responsible for government policies and programs related to science and innovation in the agri-food sector. Activities cover the entire science and innovation continuum from basic research, to applied pre-commercialization projects.

AFIA helps expand the capacity for agri-food innovation in Manitoba and develops policies and programs that encourage the development and application of agricultural science to improve the quality of life for Manitobans.

AFIA performs applied research in co-operation with Growing Opportunities teams, producers and area businesses at applied research centres at Melita, Arborg, Roblin, and the Canada-Manitoba Crop Diversification Centre in Carberry. This work assesses new agricultural production techniques and supports the development of value-added products.

The AFIA Knowledge Centre also delivers programs and develops policy to assist the agri-food and rural sectors in capturing opportunities in bioproducts and renewable energy.

AFIA manages the department's investment in functional food development aimed at building the scientific and economic link between food and human health. Activities are focused at: Richardson Centre for Functional Foods and Nutraceuticals, Food Development Centre, Canadian Centre for Agri-Food Research in Medicine and various departments of the University of Manitoba.

AFIA assists the development of a "green" economy through programs that encourage the creation of new products and processes based on primary products and by-products of agriculture and agri-food processing.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Number of assessed or verified techniques, technologies and products.
- Number of commercial opportunities emerging from agri-food research and innovation programs.
- Number of partnerships facilitated by agri-food research and innovation programs.

##### **Actual Results:**

- Eighty-eight (88) trials conducted to assess products and techniques available to support and develop commercial opportunities.
- Ninety one (91) partnerships developed to facilitate and enhance the development of numerous products and technologies to improve and diversify agricultural production.
- Supported 19 business opportunities to explore new products and technologies.

#### **Objective C: Introducing new rural income streams.**

##### **Expected Results:**

- Number of higher-value uses for commodities emerging from agri-food research and innovation programs.

##### **Actual Results:**

- Forty-three (43) high-value uses for commodities explored and supported in a number of areas including new and emerging crops, new uses for existing commodities, food and bioproducts.



**Objective E: Increasing agricultural productivity.****Expected Results:**

- Number of projects pursuing improved primary production systems.
- Number and dollar value of upstream research projects.
- Establish a multistakeholder consortium and implementation strategy.

**Actual Results:**

- Seventy-six (76) trials were conducted to improve primary production systems including variety, cropping systems, screenings, adaptation and fertility. In addition, a large multisite study investigated the interaction of feed utilization with genetics for beef cattle.
- Under the Agri-Food Research & Development Initiative, 43 Manitoba agri-food research projects were approved for \$1.8 million. Partner funding for these same projects by Manitoba producer organizations, small business owners, corporations and non-governmental organizations was \$3.17 million for a total investment of nearly \$5 million.
- Two (2) multistakeholder consortiums were established; one for hemp research involving 10 locations across Canada and one for excess moisture including the Bifrost Agricultural Sustainability Initiative Committee (BASIC), the University of Manitoba, Agriculture Canada and the East Interlake Conservation District. Alliances have been forged between more than 127 different organizations to carry out strategic innovation projects in Manitoba.

**PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING****Objective A: Building a supportive business environment.****Expected Results:**

- Number of projects funded in the Manitoba Biomass Energy Support Program (MBESP).
- Number of projects supporting the implementation of the provincial and national bio-products strategy.
- Number of businesses supported by agri-food research and innovation programs.

**Actual Results:**

- Nine (9) projects were funded through MBESP for a total of \$300 thousand.
- Twelve (12) projects were undertaken to support the implementation of the provincial and national bioproducts strategy.
- Sixteen (16) businesses were supported through various agri-food research and innovation activities.

**Objective B: Building markets.****Expected Results:**

- Number of international partners established through Manitoba Agri-Health Research Network (MAHRN).
- Number of new functional food or energy products, processors or practices.
- The number of venues that showcased functional food products developed through agri-food research and innovation programs.

**Actual Results:**

- Twenty (20) international partners were established through MAHRN.
- Forty-two (42) new functional food, bioproduct and biofibre products and practices were supported.
- Thirteen (13) venues were utilized to showcase functional food products supported through agri-food research and innovation programs.



**Objective C: Introducing new rural income streams.****Expected Results:**

- Number of projects undertaken that support commercialization of products, processors and practices related to the bio-economy.
- The number of public-private partnerships to support alternative energy and bioproduct opportunities.

**Actual Results:**

- Seven (7) projects were undertaken to support the commercialization of products and practices related to the bio-economy.
- Two (2) public-private partnerships were developed to support alternative energy and bioproduct opportunities.

**Objective D: Growing rural business.****Expected Results:**

- Number of promotional events and programs supporting food and bioproducts through opportunities in rural and northern communities.
- Number of businesses supported under MBESP.

**Actual Results:**

- Eleven (11) promotional events and programs were supported to assist the food and bio-product sectors throughout Manitoba.
- Nine (9) businesses were supported with \$300 thousand under MBESP.

**PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES****Objective B: Enabling the sustainability of rural communities.****Expected Results:**

- Number of events promoting agricultural science to rural and northern citizens.

**Actual Results:**

- Eight (8) events were supported to promote agricultural science for individuals throughout rural and northern Manitoba.

**Objective C: Introducing new rural income streams.****Expected Results:**

- Number of new technologies investigated to support new income streams in rural Manitoba.

**Actual Results:**

- Twenty-one (21) new technologies and practices were investigated to support new income streams throughout rural Manitoba.

## **PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

### **Objective A: Ensuring a healthy agro-ecosystem.**

#### **Expected Results:**

- Number of projects supporting climate change adaptation.
- Number of projects supporting emerging technologies to improve nutrient management.

#### **Actual Results:**

- Twenty (20) projects undertaken to support climate change adaptation in cropping practices and technology.
- Twenty-three (23) projects completed to examine technologies and practices to improve nutrient management and improve whole farm environmental sustainability.

### **Objective B: Introducing new rural income streams.**

#### **Expected Results:**

- Number of businesses supported through MBESP and the amount of fossil energy displaced by their products.

#### **Actual Results:**

- Nine (9) businesses supported through MBESP resulting in approximately 5,000 tonnes of coal being displaced by biomass fuel.

### **Objective C: Increasing agricultural productivity.**

#### **Expected Results:**

- Number of projects advancing the sustainability of agricultural production.
- Number of projects and crop trials to support crop diversification and yield improvement.
- Number of processes and technologies to investigate improved manure treatment practices.

#### **Actual Results:**

- Sixty-one (61) applied research trials were conducted to support and advance the sustainability of agricultural production.
- One hundred and seventeen (117) applied research trials were completed to support crop diversification and yield improvement.
- Twelve (12) projects were completed to examine technologies and practices to improve manure and crop nutrient management including phosphate and nitrogen management trials.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- Number of research programs directed at advancing technologies for food security and safety.

#### **Actual Results:**

- One (1) research program facilitated the introduction of new food safety technology in the poultry processing industry.

**Objective B: Protecting animals.****Expected Results:**

- Number of research programs directed at supporting animal health and welfare.

**Actual Results:**

- Four (4) research programs supported animal health and welfare, two for poultry and one each for beef & dairy cattle.

**Objective C: Growing food business.****Expected Results:**

- Number of new businesses or new products, processes or practices advanced by MAHRN and/or Prairie Fire Growth Ventures Inc.
- Number of new businesses providing healthier ready-to-eat products.
- Number of new multistakeholder collaborations focused on the development and commercialization of Manitoba food products.

**Actual Results:**

- Thirty-four (34) new businesses and products were advanced by MAHRN and Prairie Fire Growth Ventures Inc.
- Two (2) businesses were supported in providing new healthy, ready-to-eat food products.
- Thirteen (13) multistakeholder collaborations were created, focused on developing and commercializing Manitoba food products.

**PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY****Objective A: Improving service to clients.****Expected Results:**

- The number of changes made to improve current processes.

**Actual Results:**

- Changes were made to improve the effectiveness of program delivery, including the use of social media in four projects and other interactive tools to support extension activities.
- Various media outputs including radio, print and email were used to promote events for clients.

**Objective B: Evaluating program effectiveness.****Expected Results:**

- Number of logic models created for each program.

**Actual Results:**

- Worked to assess program effectiveness through client consultation using email, phone and in-person discussions.
- Assessed the number of clients reached through head counts at events and client feedback.

#### 4 (d) Agri-Food Innovation and Adaptation

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	1,211	19.00	1,421	(210)
(2) Other Expenditures	549		339	210
(3) Grant Assistance	1,465		1,465	-
<b>Total Sub-Appropriation</b>	<b>3,225</b>	<b>19.00</b>	<b>3,225</b>	<b>-</b>

1. The increase is mainly due to the Manitoba Biomass Energy Support Program, which provides capital incentives of up to \$50 to clients who convert from coal to biomass use.

## **Appropriation 4 (e) – Agricultural Sustainability Initiative**

The Agricultural Sustainability Initiative (ASI), a provincially funded program, part of the Growing Forward Environment Suite, is delivered through Manitoba Agriculture, Food and Rural Initiatives. The program provides funding to producer groups and commodity organizations to conduct demonstrations or technology transfer projects on environmentally sustainable agriculture practices. The goal is to improve the health of agricultural ecosystems in Manitoba by encouraging adoption of these sustainable agriculture practices.

Priorities under ASI include Sustainable Forage/Livestock Management, Sustainable Crop Management and Integrated Pest Management with emphasis placed on emerging agri-environmental issues such as water quality related to agriculture issues, efficient cropping systems, ecological goods and services/biodiversity issues and crop diversification.

### **PRIORITY 4 – ENHANCING & SUSTAINING THE ENVIRONMENT**

#### **Objective A: Ensuring a healthy agro-ecosystem.**

##### **Expected Results:**

- Implementation of more than 40 projects from 30 local organizations and MAFRI.
- Change of practices and attitudes of Manitoba's farmers regarding environmental issues and concerns.
- Accelerated adoption of sustainable agriculture practices and reduced impact by agriculture on the environment.
- Continued emphasis on current agri-environmental issues including impacts of environmentally sustainable land management practices on surface water quality.
- Maintained/enhanced quality of agricultural lands through projects such as invasive species monitoring and awareness which address ecological goods and services (EG&S) and biodiversity issues.

##### **Actual Results:**

- Fourteen projects approved and implemented by 13 proponents totalling \$498.0 thousand. Thirty-three (33) applications were received with 18 declined and one withdrawn. In-kind and cash leveraged over all projects totalled \$87 and \$531.0 thousand respectively.
- ASI focuses on extension or demonstration projects so measuring change of practice and attitude is difficult. However, extension events supported by ASI were able to attract a large number of producers: Three (3) provincial events were held (Ranchers Forum, Western Canadian Holistic Management Conference, and Manitoba Conservation Districts Association Conference) with more than 650 attendees. Discussions at these events indicate that producers are interested in adopting sustainable agriculture practices if economically feasible.
- A project on forage restoration resulted in seven sites in flooded areas being set up for long-term demonstration and evaluation.
- The four diversification centers (WADO, PESAI, PCDF, MHPEC) funded by ASI conducted more than 50 different field crop trials. Sixteen (16) field days were held at these centres with a total of more than 700 attendees.

- ASI supported several projects which focussed on surface water quality:
  - Two (2) proponents worked on projects in one watershed collecting information from producers on land use, agricultural practices, and the impact on water quality.
  - One (1) project collected information on manure characteristics in a newly designed manure storage facility.
  - The *Manure Management Planners Training Manual* was updated.
  - One (1) project monitored the nutrient status at several sites for up to five years after bale grazing.
  - A pilot program collected 340kg of obsolete animal health medications and 74,500 kg of pesticide for proper disposal.

#### 4 (e) Agricultural Sustainability Initiative

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
Other Expenditures	498	-	700	(202)	
<b>Total Sub-Appropriation</b>	<b>498</b>	<b>-</b>	<b>700</b>	<b>(202)</b>	



## **Appropriation 5**

### **Agri-Food and Rural Development**

Provides front-line delivery and support of programs in partnership with stakeholders to enhance the viability of family farms and agri-business and build vibrant rural communities.

Delivers extension services through Growing Opportunities Centres and technical leadership through Knowledge Centres and a special operating agency. Expertise in farm production, sustainable management, on-farm food safety, farm and rural business management, rural community and economic development, Aboriginal agriculture development, agri-tourism, youth and leadership development, food processing and food commercialization and marketing is made available to the agri-food industry.

Provides leadership and specialized resources to support initiatives that will create new employment opportunities, capital investment and will build sustainable communities.

Provides financial and professional support to economically viable projects in partnership with communities, municipal governments, local/regional community development organizations, value-chains, businesses and youth organizations.

#### **Appropriation 5 (a) – Growing Opportunities Centres**

The Agri-Food and Rural Development Division provides front-line delivery and supporting extension programs in partnership with stakeholders to enhance the viability of family farms; to provide value-added and diversification opportunities; to strengthen the capacity of Manitoba's food processing industry; and to build vibrant rural and northern communities.

Through the division's Growing Opportunities (GO) Teams and knowledge centres, extension services and technical leadership is delivered by staff in farm production, farm and rural business management, community and economic development, entrepreneurship, Aboriginal agriculture, immigration, youth and leadership capacity development, urban and consumer awareness, northern foods, food processing, industrial development and food commercialization and marketing.

The division provides leadership and resources to accelerate initiatives that will create new employment opportunities and capital investment that anchors sustainable communities. Financial and professional support is also supplied to economically viable projects in partnership with communities, municipal governments, local and regional community development organizations, entrepreneurs, businesses, co-operatives, and youth organizations.

The Agri-Food and Rural Development Division also works closely with many organizations, partners and institutions such as the Rural Development Institute, the University of Manitoba, and the Canadian Centre for Agri-Food Research in Health and Medicine to provide a platform of research and science that facilitates economic development and commercialization in Manitoba's agriculture and rural sectors.

GO Teams are working in co-operation with other departments to implement a single window delivery approach to client service. GO Teams, with knowledge centres, are also moving to a horizontal team approach to provide integrated and specialized service to rural clients.

## **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

### **Objective A: Building a supportive business environment.**

#### **Expected Results:**

- Staff will lead and support five tours with Farm Diversification Centres across Manitoba.
- Staff will provide input and ideas on how programs at five Farm Diversification Centres across Manitoba can create increased farm profitability, an increase in our value-added sector as well as an increase in overall agricultural sustainability.
- Staff will promote research results from Westman Agricultural Diversification Organization, Parkland Crop Diversification Foundation, Prairies East Sustainable Agricultural Initiative and the three Canada/Manitoba Crop Diversification Centre sites on companion cropping research, new crops and alternative energy at extension meetings and events across the province.
- GO branch Business Development Specialists will consult and advise entrepreneurs on more than 30 business development projects in an effort to support the identification and acceleration of potential commercial business opportunities.
- Staff will organize and implement an Open Farm Day concept with 40 farms participating across the province.
- Staff will continue to provide curriculum kits, teacher lesson plans, resources and displays to support the educational programming at the Bruce D. Campbell Farm and Food Discovery Centre.
- Staff will organize two tours of clients to the Bruce D. Campbell Farm and Food Discovery Center.
- In partnership with Ag Societies and other groups, staff will deliver more than 10 events that promote buy-local food consumption as well as have a presence at public events such as Ag Days, the Royal Winter Fair and Discover Ag in the City at the Forks.
- Staff will continue to develop messages, organize events and support other organizations, including Ag Societies, Women's Institutes, 4-H, Agriculture and Agri-Food Canada, Ag in the Classroom, Food Manitoba, Manitoba commodity groups, as well as others.
- Staff will increase the public's knowledge of agriculture through activities including Ag Awareness Day, Ag in the City, Royal Winter Fair, Red River Exhibition, Red River Heritage Fair, and Manitoba Livestock Expo.

#### **Actual Results:**

- Staff attended and/or spoke at tours of the following Farm Diversification Centres across Manitoba:
  - Parkland Crop Diversification Foundation (PCDF)
  - Prairies East Sustainable Agricultural Initiative (PESAI)
  - Westman Agricultural Diversification Organization (WADO)
  - Agassiz Soil and Crop Improvement Association (ASCIA)
  - Manitoba Crop Variety Evaluation Team (MCVET)
  - Manitoba Zero Tillage Research Association (MZTRA)
- Business Development Specialists (BDS) worked on more than 40 business development projects including applicants to the Commercialization Support for Business program.
- Staff organized and delivered a third Open Farm Day with more than 50 farms and related agriculture destinations participating and 4,600 visitors.
- Staff organized four tours of the Bruce D. Campbell Farm and Food Discovery Centre (BCDC) for the following groups: The foodManitoba Group, the Discover Agriculture in The City Planning Committee 2012, GO Team Managers, and the Red River Exhibition Board of Directors.
- Six (6) events were held to promote buy-local consumption:
  - Savoring the Flavours Suppers from the Field held in conjunction with Open Farm Day including Asessippi Autumn Feast (120 attended)
  - Direct Farm Marketing Conference held in Dauphin (80 attended)
  - Amazing Ag Adventure (300 students and 30 teachers participated)
  - Canola Growers Be Well Tour in Russell (13 participated)

- Feast on Local Foods in Baldur (more than 20 participated)
- Ecochallenge in Clearwater (more than 90 participated)
- Six (6) agriculture awareness events were supported:
  - Ag Awareness Day (80)
  - Ag In the Cities (44,000)
  - Royal Winter Fair, Brandon (114,200)
  - Red River Exhibition (214,599)
  - Red River Heritage Fair (200)
  - Manitoba Livestock Expo (70)
- Staff partnered with Ag in the Classroom at five Made in Manitoba Breakfasts and two Amazing Ag Adventures held in Brandon and Winnipeg.

## **Objective B: Building markets.**

### **Expected Results:**

- Provide extension services on value-chain development to staff and clients through the Manitoba Agriculture, Food and Rural Initiatives (MAFRI) website and presentations.
- Staff will provide guidance to clients/staff in value-chain development by utilizing the "Growing Your Profitability through Value-Chain Management" handbook resource.
- Staff will participate in at least 10 one-on-one client consultations extending the benefits of the value-chain model.
- When requested, GO branch staff will assist with incoming trade missions providing the "rural and geographic" expertise that we have provided in previous missions.
- Select GO branch staff will participate in outgoing trade missions when requested e.g. World Dairy Expo.
- GO branch staff will provide knowledge and expertise to national and international meetings and conferences when requested. e.g. Provincial Buckwheat Specialist providing expertise to a Prince Edward Island (PEI) Buckwheat Growers Association which may lead to an increase in Manitoba buckwheat seed sales to PEI.
- Staff will provide support as the co-coordinating producer of the Great Tastes of Manitoba television show, resulting in 15 shows with an average audience of 35,850.
- Staff will work with producer organizations to develop a nutrition supplement for the Winnipeg Free Press with a readership of 231,100 with the objective of cultivating a connection between consumers and locally-produced Manitoba foods.
- Staff will work with Manitoba Healthy Living, Seniors and Consumer Affairs, Peak of the Market and the co-coordinating body to deliver 613,195 pounds of vegetables to 268 schools through the Farm to School Healthy Choices Fundraiser.

### **Actual Results:**

- Value-Chain pages were added to the MAFRI website that included the downloadable "Growing Your Profitability through Value Chain Management" handbook.
- Staff co-ordinated the production of the Great Tastes of Manitoba television show resulting in 15 new shows with an average audience of 36,700. With spring re-runs, a total of 1,101,000 adults view the show.
- Two (2) Winnipeg Free Press supplements were published with a readership of 224,900.
- Staff worked with Manitoba Healthy Living, Seniors and Consumer Affairs, and Peak of the Market to facilitate the Farm to School Healthy Choices fundraising initiative that delivered 896,478 pounds of vegetables to a total of 328 schools and 104 daycares (432 facilities in total). Schools kept \$407.49 thousand.
- Staff organized two trade missions to China involving Manitoba Ag industry partners to pursue ag product trade and investment in Manitoba food processing sectors.
- Presentations were created as part of organized programs for several incoming trade missions from China, Japan and other countries.

### **Objective C: Introducing new rural income streams.**

#### **Expected Results:**

- Staff will support and assist in the organization of the 6<sup>th</sup> Annual Manitoba Biomass workshop.
- Staff will work with groups including the Manitoba Canola Growers Association, Manitoba Pulse Growers Association and Manitoba Buckwheat Growers Association in identifying and developing higher value uses for canola, peas, soybeans and buckwheat.
- Staff will continue to co-operate with the beef industry in the investigation of the beef backgrounding and finishing sectors (both grain and grass) as a way to add value to the cow-calf industry.
- Staff will deliver an on-farm agri-energy wind pilot project located at Westman Agricultural Diversification, Parkland Crop Diversification, and Prairies East Crop Diversification Centres. The projects will monitor and evaluate the economic and environmental benefits of on-farm small scale wind projects.
- Staff will continue to investigate the potential for additional renewable energy opportunities, including solar thermal heating, photovoltaic electrical production, and anhydrous ammonia fertilizer production from wind or hydro electricity.
- Staff will draft on-farm wind, wheat straw biomass, and energy comparison cost-of-production budgets.
- Active referral of woodlot inquiries to knowledge centre staff.
- GO branch staff on the Agri-Environment education team will extend carbon offset trading model information through ten environmental farm plan workshops, two newsletters, five news columns and 50 one-on-one consultations in co-operation with the Agri-Environment Knowledge Centre.
- GO branch staff (when requested or as they identify concerns) will alert and provide local knowledge to the land use planning group in order to reduce local impediments to agricultural diversification and value-added enterprises.

#### **Actual Results:**

- Provided support in hosting the 6th Annual Biomass Conference at Providence College. Approximately 164 producers attended the conference which included agricultural producers, biomass processors, rural businesses, and community leaders.
- Existing and emerging renewable energy technologies/processes continue to be reviewed and evaluated. This includes analysis on cost-of-production, extension and climate change impact.
- A detailed cost-of-production report that focused on a number of renewable energy options was completed. The completed report can be found on the MAFRI website.
- The Rancher's Forum (formerly Grazing School) was held on November 27 and 28, 2012 in Brandon with 135 attendees. This event included a grass-fed beef component.

### **Objective D: Growing farm business.**

#### **Expected Results:**

- A cost-benefit analysis on options to more effectively manage excess moisture on agricultural lands will be completed.
- A topographical survey of the RM of Bifrost to aid in water management system design and future decision making will be available.
- Cropping option and agronomic practices, that help to manage excess moisture risk, have been identified and evaluated.
- Staff will work with producers using AgriStability and other business risk-management programs through one-on-one consultations, to improve producer understanding of the programs, and to maximize payouts to producers in the areas most affected by flooding and excess moisture.
- Staff will work with 100 producers in making optimal use of AgriInsurance through one-on-one consultations to improve producer understanding of the program.



- Staff will revise and update legal resources for farmers and make them available on the MAFRI website.
- Staff will present technical information on beneficial risk-management practices related directly to farm enterprises at 15 workshops.
- Staff will continue to lead in the front-line delivery of the Agri-Excellence and Agri-Advisor programming through one-on-one consultation with 200 clients.
- Staff, through the Bridging Generation Initiatives program (BGI) will continue to administer (100 new clients), deliver (40 extension events targeted at 450 BGI clients) and consult with active clients under this program.
- Staff will work with 300 producers in one-on-one consultations and deliver workshops regarding farm business management.
- Staff will deliver two grain marketing workshops to 150 Manitoba producers which will include: marketing awareness (contracting, voluntary grain pooling, marketing information); beneficial business management practices (marketing plan, risk management planning, value-added opportunities); and grain handling transportation system.
- Staff will prepare 2012 crop and livestock cost-of-production estimates and extend the information through meetings and events (Ag Days), one-on-one consultation as well as on our MAFRI website.
- MAFRI staff will deliver grain marketing related presentations on external meeting agendas at six locations and established grain marketing clubs.
- MAFRI staff will develop an in-depth grain market planning workbook, factsheets on marketing plan development, marketing clubs, and question and answer (Q&A) for grain handling and transportation system.
- MAFRI staff will develop a new grain marketing web page which highlights existing resources and external links.
- MAFRI staff will develop a social media on-line Manitoba marketing forum, and blog for producers to 'ask the expert', twitter and webinars.
- MAFRI staff will continue to assist producers in one-on-one consultations to assist producers in decision-making and risk-management.
- A communications plan will be developed to promote extension activity.
- Staff will organize in co-operation with the Keystone Agricultural Producers (KAP) Young Farmers Committee and participate in the Young and Beginning Farmers Conference. One hundred participants will improve their management skills.
- Staff will work with 20 new Canadian immigrants who will seek information on farming in Manitoba.
- Staff will seek 70 primary agriculture producers to participate in focus groups to determine human resource needs within a Manitoba-based agricultural sector council.
- Through the establishment of a Young and Beginning Farmer Horizontal Team, staff will focus on programs and communication with young farmers.
- Farm Production Advisors and Extension Co-ordinators will meet with 100 new AgriInsurance clients through our Crop Plan Credit program. The one-on-one consultation allows staff to assist new clients with crop planning and provide them information on MAFRI programs and services.

#### Actual Results:

- In co-operation with the AgriStability administration, staff supported 10 AgriStability meetings across the province in March 2013 and have been involved in 50 one-on-one consultations throughout the past fiscal year.
- In co-operation with MASC, staff worked with more than 100 producers through one-on-one consultations regarding AgriInsurance. These consultations included seeded acreage and harvested production reports, forage and pasture insurance questions, new crop insurance areas (soybeans), and crop production loss farm visits.
- Revised updates of "A Legal Guide to Farm Estate Planning" and "A Legal Guide to Farmland Ownership" are now available both in print and digital form on the MAFRI website.
- Front line delivery of the Agri-Excellence and Agri-Advisor programming continues to be led through one-on-one consultation with clients. Over the three-year program, Agri-Excellence had

346 total applicants with 245 approvals. Agri-Advisor saw 242 total applicants in 2012/13 with 88 approvals.

- Through the Bridging Generation Initiatives (BGI) program, staff continue to administer the intake of new clients.
- Forty (40) extension activities were delivered, targeting the existing 450 BGI clients. Activities included in-person workshops, video conferences, email bulletins, and two newsletters. Staff will continue to consult with active clients under this program.
- Staff worked with 735 producers in one-on-one consultations as well as delivered workshops regarding farm business management.
- Two (2) grain marketing workshops were delivered in Minnedosa and Teulon to 65 Manitoba producers.
- The 2013 Crop and Livestock Cost-of-Production (COP) estimates were prepared and extended at Ag Days, as well as at the Young and Beginning Farmer Conference and the 2013 Grain Marketing meetings. The updated COPs are available on the MAFRI website and can be printed as needed.
- Staff worked with KAP's Young Farmers Committee and presented farm management material to an audience of 90 participants at the Young and Beginning Farmers Conference in Brandon on March 13 and 14, 2013.

## **Objective E: Increasing agricultural productivity.**

### **Expected Results:**

- Staff will continue to promote holistic management as an option to Manitoba beef producers.
- Manitoba will host the Western Canadian Holistic Management Conference in February 2013.
- Staff will deliver a grass fed beef conference in fall/winter of 2012 to Manitoba and Western Canadian livestock producers.
- One GO branch staff person will sit on the board of directors of the Manitoba/North Dakota Zero Tillage Association to provide advice and leadership in order to support the advancement of reduced and zero tillage concepts in Manitoba and North Dakota.
- Staff will do 300 one-on-one consultations and present at 20 meetings across the province in an effort to support farmers in their work to maximize returns from inputs used in their production efforts.
- Trap monitoring of the Diamondback Moth and Bertha Armyworm in at least 12 regions of the province.
- Survey at least 50 fields for canola diseases.
- Monitor grasshopper egg laying to assist with forecast maps.
- Staff, through participation with diversification staff, and their consultative role with the farmer boards of these centres will provide input and ideas on how programs at Farm Diversification Centres across Manitoba can support the identification and speed the commercialization of new opportunities.
- Staff through one-on-one consultation with Agricultural Crown Land (ACL) lease holders will encourage development improvements to ACL through forage improvement extension activities. The target will be an increase in Crown lands grazing capacity and therefore an increase in the number of livestock our Crown lands is able to sustain.
- Staff will provide ACL program extension to Manitoba beef producers in conjunction with other MAFRI beef extension events.
- Staff will assist ACL clients with 50 lease renewals and evaluate 150 properties.
- Staff will support Crops Knowledge Centre in local irrigation projects and assist with producer inquiries.
- Staff will assist in development of a forage restoration extension program.
- Staff will deliver information on forage varieties, seed bed preparation, establishment, fertility, weed control, pasture planning as well as riparian and environmental best management practices to more than 300 producers through workshops and one-on-one consultation.



**Actual Results:**

- The Western Canadian Holistic Management Conference was held in Russell on February 12 and 13, 2013 with 180 delegates attending the event.
- A series of Holistic Management meetings were held in Gilbert Plains, Austin and Plumas with 110 producers in attendance.
- The Rancher's Forum (formally Grazing School) was held in Brandon on November 27 and 28 with 135 attendees.
- Staff sit on the board of directors of the Manitoba/North Dakota Zero Tillage association.
- In collaboration with the Lake Manitoba Rehabilitation Committee, Manitoba Beef Producers and Manitoba Forage Council, on-farm trials are being developed at five research sites affected by flooding around Lake Manitoba.
- A series of 12 seminars were provided to review recovery options for flooded forages and feeding strategies for poor quality feeds. A series of three-year demonstration trials were established at each of the MAFRI diversification centres to examine reseeding techniques. Summer tours of these trials were held.
- Bertha Armyworms were monitored at 38 sites while Diamondback moths were monitored at 13 sites. Sixty-two (62) fields were surveyed by 14 staff for the Canola Disease Survey. Grasshopper egg-laying was monitored in all regions of the province.
- ACL extensions were provided to clients in order to manage productivity and production on ACL in Manitoba.
- Clients were provided assistance with information on requested crop plan and irrigation management, in co-operation with the Crops Knowledge Centre.
- One thousand nine (1,009) farm visits were made during the growing season, having an economic impact on 1,345,000 acres.

**PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING****Objective A: Building a supportive business environment.****Expected Results:**

- Deliver information and support to clients as they switch from coal to other alternative biomass products.
- Staff through GO branch business education development (BED) funding will support training projects that make food processors more competitive in the marketplace.
- The food business team in co-operation with the Food Development Centre and the Manitoba Food Processors Association will develop and deliver two training workshops for food business clients.
- As requested GO staff will provide consultative services for farm mediation cases to support the Farm Mediation Board process.

**Actual Results:**

- Assistance was provided to the Agri-Food, Innovation and Adaptation Knowledge Centre in the delivery of the Manitoba Biomass Energy Support Program. Under the program, \$300 thousand was allocated to support applicants looking to either sell or use biomass fuel.
- Approximately 70 producers, rural businesses, and communities were supported with information and extension regarding the production and use of biomass fuel throughout Manitoba.
- Through the Growing Forward funding program, staff supported two training projects helping food processors become more competitive in the marketplace.
- In co-operation with Food Development Centre, staff developed and delivered four training workshops for food business clients.
- Staff participated in 60 farm mediation cases in their support of the Farm Mediation Board process.

### **Objective B: Building markets.**

#### **Expected Results:**

- Staff will co-ordinate the 2013 Direct Farm Marketing Conference, partnering with the Prairie Fruit Growers Association and the Farmers' Markets Association of Manitoba.
- When requested GO branch staff will assist with incoming trade missions providing the "rural and geographic" expertise that we have provided in previous missions.
- Select GO branch staff will participate in outgoing trade missions when requested.
- Staff will target four events (e.g. Manitoba Food Processors Association Annual General Meeting, Direct Farm Marketing Conference, Great Manitoba Food Fight 2012) to increase promotion and commercialization of Manitoba food products.

#### **Actual Results:**

- Staff co-ordinated the 2013 Direct Farm Marketing Conference with Prairie Fruit Growers Association and Farmers' Market Association of Manitoba. There were 140 attendees and 10 direct marketers received their Market Safe certification.
- Staff targeted and delivered at 10 events to increase promotion and commercialization of Manitoba food products:
  - Manitoba Food Processors' Annual General Meeting (more than 200 attended)
  - Christmas Reception (more than 400 attended)
  - Golf Tournament (100 participated)
  - Opening of the Food Processing Centre, Swan River (more than 100 attended)
  - Parkland Food Challenge, Swan River (more than 80 attended)
  - North American Agricultural Marketing Conference
  - Direct Farm Marketing Conference, Dauphin
  - Open Farm Day
  - Centralia
  - Capturing Opportunities/Great Manitoba Food Fight 2012
- Staff organized and participated on two missions to China with a focus on bio-product development and investment attraction into Manitoba.

### **Objective C: Introducing new rural income streams.**

#### **Expected Results:**

- Staff will partner with Prairie Agricultural Machinery Institute (PAMI) to evaluate the commercial readiness and application of a mobile straw densification machine (cuber).
- Staff will create public cost-of-production models for various agri-energy and biomass production systems.
- Staff will distribute two e-bulletins on biofuel/biomass business management.
- Staff will continue to monitor and report on the economics of various agri-energy and biomass sectors.

#### **Actual Results:**

- The cost-of-production models for various agri-energy and biomass production systems have been completed and are available on the MAFRI website.

### **Objective D: Growing rural business.**

#### **Expected Results:**

- Staff will work with six individuals, as well as several community groups on agri-energy and biomass production opportunities.
- Staff will deliver business support services to 50 new and/or existing food clients to enhance the commercialization of local food products.

- Staff will provide one-on-one consultation to farmers' markets vendors.
- Staff will deliver ten targeted seminars/workshops on developing a food business and food product development.
- Staff will support and work with the Organic Producers Association of Manitoba and other organic marketing groups
- Staff will support and work with the Harvest Moon Food Distribution group to increase their value-added initiatives.
- Staff will co-ordinate the 2013 Direct Farm Marketing Conference, partnering with the Prairie Fruit Growers Association and the Farmer's Markets Association of Manitoba.
- Staff will continue to promote farmers' market vendors as a viable income diversification opportunity.

#### **Actual Results:**

- Staff continue to work with individuals, producers and rural businesses looking at various agri-energy opportunities. This includes providing analysis on cost-of-production, policy, programming and regulatory issues.
- Staff continue to monitor the development of various agri-energy technologies.
- Staff delivered business support services to 97 new and/or existing food clients to enhance the commercialization of local food products.
- Staff provided one-on-one consultation to 34 individual vendors and assistance to 28 farmers' markets and/or boards.
- Five (5) targeted workshops were delivered by staff on developing food businesses or food product development: Steps to Commercialization (Swan River, Morden); Kick Start Your Food Product Workshops (Stonewall, Pine Falls, Brandon), with a total of 43 participants.
- Staff continued to promote farmers' markets as a viable income diversification opportunity.
- Staff worked with Manitoba Organic Meat Association (MOMA) as well as eight organic producer clients.

#### **Objective E: Growing food business.**

##### **Expected Results:**

- Staff will support and work with Organic Producers Association of Manitoba and other organic marketing groups.
- Staff will work with 10 entrepreneurs to prepare for and compete in the 2012 Great Manitoba Food Fight.
- Staff will support and work with the Harvest Moon Food Distribution group to increase their value-added initiatives.

##### **Actual Results:**

- Staff worked with 10 entrepreneurs to compete successfully in the 2012 Great Manitoba Food Fight.

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective A: Building a supportive business environment. \*\***

##### **Expected Results:**

- When requested, GO branch staff will provide information to the Agri-Food and Rural Development Council.
- Staff will provide support and resources towards the operation of 11 local advisory councils that will provide local input and advice to GO branches and the department on various policy and extension issues. A report will be developed from these council meetings and made available to the department council if requested.

- Staff will continue to provide support to producers trying to redevelop business plans (due to CWB changes) for the purpose of purchasing and/or operating short line railroads in Treherne, Manitou, Gimli and Reston.

#### Actual Results:

- GO Team local advisory council meetings and Growing Forward 2 consultations meetings were held.
- Staff continue to be available to producers in support of short line railroads. Staff worked with Hudson Bay Rail in reviewing new supports for access through Port of Churchill including infrastructure and new commodities such as potash, oil and wood pellets.
- Staff continued to act as case file managers/client service representatives for Lake Manitoba and Shoal Lake agricultural clients that were affected by the 2011 flooding.

### **Objective B: Enabling the sustainability of rural communities.**

#### Expected Results:

- Staff, through ten area 4-H councils, will provide support and direction to the 4-H program.
- Staff will deliver the Young Entrepreneur and Aboriginal Young Entrepreneur programming in rural and northern communities which will promote leadership and youth business skills.
- Staff will co-operate with the Economy and Rural Development (ERD) Knowledge Centre staff to implement the sustainable community planning model with one municipality in 2013.
- Staff, in partnership with Volunteer Manitoba, will promote and deliver 10 workshops based on the needs of rural communities and organizations.
- Staff will work with Manitoba 4-H Council and area councils to deliver relevant programming to almost 1,000 volunteer leaders and more than 2,000 4-H members in Manitoba.
- Staff will work with provincial and area councils in the promotion and celebration plans for the 100<sup>th</sup> Anniversary of 4-H in Manitoba and Canada in 2013.

#### Actual Results:

- Staff provided direction and support to 10 Area 4-H Councils. Area councils supported activities such as 4-H Communications, camp and conference programs, and numerous leadership development events.
- Staff worked with 10 Area Councils and the Manitoba 4-H Council to foster leadership and skill development of the 2,179 4-H members and 932 volunteer leaders in 154 4-H Clubs.
- Staff assisted in the promotion and celebration of the 100th Anniversary of 4-H in Manitoba and Canada through a series of news articles; generating celebration ideas for councils and MAFRI offices; and working on the Canadian 4-H Council Annual General Meeting plan.
- Junior Achievement programs were delivered to 21 classes at nine schools. In addition, staff delivered entrepreneurship workshops to eight rural high schools.
- Staff continued to work with Manitoba Local Government to promote sustainable community planning model to municipalities.
- Staff have introduced the Regional Economic Analysis Process (REAP) to communities to support sustainable community planning. A workshop was delivered at the Manitoba Planner's Conference and six new communities expressed interested in pursuing REAP.
- Three (3) Volunteer Manitoba workshops were organized with approximately 75 volunteers in attendance.



### **Objective C: Introducing new rural income streams.**

#### **Expected Results:**

- Staff will continue working with Regional Development Corporations, Community Development Corporations, and other Regional Economic Development Associations on strategic community planning, regional statistical economic analysis, incorporating Community Economic Development (CED) best practices, regional marketing and project implementation.
- Staff will work with local governments, municipalities and Aboriginal and Northern Affairs communities on MAFRI programming, including First Impressions Community Exchange (FICE) (six communities for 2012), Hometown Manitoba applications (302 applications in 2011), Regional Economic Assessment Program (REAP) analysis for six regional economic development associations, photo voice (four projects).
- Staff will work with entrepreneurs, educators and Chambers of Commerce with MAFRI program support, including Young Entrepreneur Program (YEP), Aboriginal Young Entrepreneur Program (AYEP), Commercialization Support for Business, Rural Entrepreneur Assistance program.
- Staff will assist the facilitation of CED best practices through participation in Manitoba Planners Conference, rural practitioner groups, Capturing Opportunities 2012, Community Futures, Economic Developers Association of Canada and Economic Developers Association of Manitoba events; (e.g. community capacity training, facilitation and strategic planning workshops, CED best practices, regional data analysis) and the development of resource materials (six REAP analysis reports and four CED guide handbooks).
- Staff will assist and partner with other provincial, federal and non-government organizations (NGOs) on economic development training and project support. Partners include BizPal, Community Futures, Municipal Chambers of Commerce and regional economic practitioner groups.
- MAFRI will continue to co-ordinate efforts with Entrepreneurship, Training and Trade (ETT) through the Single Window for Business Initiative to roll out additional Business Gateway Service Centre sites across Manitoba.
- Staff will work with public and private partners to implement an Agri-Tourism strategy and other tourism opportunities in rural and northern Manitoba.
- Staff will support the development of an agri-tourism course at Assiniboine Community College.
- Partner with a national agri-tourism group to measure the economic and rural development impacts of agri-tourism and rural culinary tourism activities.

#### **Actual Results:**

- Staff hosted an information and resource sharing session with Manitoba Aboriginal and Northern Affairs staff.
- Staff provided support to Manitoba Local Government in the municipal amalgamation process and presented at the Manitoba Planning Conference.
- Staff sit as board members for Economic Developers of Manitoba and other boards as ex officio.
- Staff partnered with the Rural Development Institute, Manitoba Local Government, Economic Developers of Manitoba, Central Plains Community Futures, Dauphin Neighbourhood Renewal Corp, Community Futures East and West Interlake, Interlake Tourism Association, Travel Manitoba and Manitoba Housing to deliver extension programming.
- Staff delivered the First Impressions Community Exchange program to six communities in 2012.
- Staff delivered REAP to four communities.
- The Hometown Manitoba Program approved 128 projects representing \$232 thousand in financial support. Program funding leveraged an additional \$1.686 million from rural communities, organizations, co-operatives and businesses, resulting in capital investment in rural and northern communities of \$1.918 million.
- Staff worked with 35 Excessive Moisture Economic Stimulus Program (EMESP) communities and completed 42 projects.
- Staff participated in pilot projects in community engagement through crowdsourcing in Souris and Riverton.

- Staff promoted skill development through workshops on rural demographics, rural housing, experiential tourism, project management, "Is Your Community Market Ready" Regional Economic Analysis Process (five sessions), and Practical Facilitation Skills (four sessions).
- Staff participated in 10 meetings with regional practitioner groups to support regional opportunities and planning.
- Staff participated in two Economic Developers Association of Manitoba events in 2012/13.
- Staff developed REAP facilitation materials and the housing guidebook in conjunction with Manitoba Housing.
- Staff worked with 27 Commercialization Support for Business clients with a total value of \$1,017,558.
- Staff partnered with Manitoba Housing and Northern Healthy Food Initiative partners including Manitoba Aboriginal and Northern Affairs, Manitoba Conservation and Water Stewardship, Manitoba Family Services and Labour and Manitoba Children and Youth Opportunities. Non-government organization partners included Heifer International.
- Staff continue to work with ETT to co-ordinate services between GO Teams and Business Gateways.
- Staff worked with farmers and rural entrepreneurs through one-on-one consultations, workshops and events to increase the profitability, number and quality of agritourism businesses.

#### **Objective D: Growing rural business.**

##### **Expected Results:**

- Staff will provide business succession tools to rural clients through 20 one-on-one consultations.
- Staff will co-deliver a minimum of 10 business planning workshops in rural Manitoba in partnership with ETT.
- Staff will distribute four editions of Rural Biz e-bulletin to an estimated 850 clients.
- Staff will deliver at least 10 workshops targeted at improving the business skills of rural entrepreneurs.
- Staff will consult and advise on more than 160 business development projects.
- Staff will continue to support Manitoba Ag Days with program development, technical presentations and organizational capacity building. More than 30,000 people attend over three days and it is estimated \$7.5 million is injected into the local economy during the event.
- Staff will organize and deliver the Capturing Opportunities 2012 conference with the central theme of the event to be "The Local Living Economy".

##### **Actual Results:**

- Staff provided support and tools to more than 20 business succession clients through one-on-one consultations and workshops.
- In partnership with ETT, staff delivered 10 Business Start Workshops to 190 potential and entrepreneurs across rural Manitoba.
- Two (2) issues of Rural Biz e-bulletin were developed and each issue was distributed to approximately 850 clients.
- Staff delivered 17 workshops that included topics in business planning and development, marketing, commercialization, etc.
- Staff consulted and advised approximately 350 clients on business development projects (based on Business Inventory Database):
  - Alternative Energy (16)
  - Co-op Development (4)
  - Food Product Development (80)
  - Hospitality (5)
  - Immigration (7)
  - Manufacturing (35)
  - Marketing (6)
  - Retail (40)



- Rural Business Management (27)
- Rural Infrastructure (25)
- Service (53)
- Strategic Planning (29)
- Tourism (22)
- Thirty-five thousand (35,000) people attended Manitoba's Ag Days with \$7.5 million injected into the local economy. Department staff led education program development and delivered along with industry members. There were 45 presentations throughout the three full days of seminars. MAFRI resources and extension materials were available from seven staffed displays.
- Staff organized and delivered the Capturing Opportunities conference in April 2012 (1,083 attended).

## **PRIORITY 4 – ENHANCING AND SUSTAINING THE ENVIRONMENT**

### **Objective A: Ensuring a healthy agro-ecosystem.**

#### **Expected Results:**

- Farm production advisors will promote improved nutrient and management systems at 20 Environmental Farm Plan (EFP) workshops and at five other farm production meetings across the province.
- Support knowledge centres with Environmental Goods and Services initiative.
- Deliver 20 EFP sessions.
- Deliver 10 meetings on topics such as fertility management, crop residue management, riparian management, fertility management, water management, healthy environment and healthy water.
- Farm Production Advisors will work with 25 producers on herbicide drift investigations.
- Staff will support the Farm Practices Protection Board with follow-up visits to 20 farms to ensure compliance of protection orders.

#### **Actual Results:**

- Two (2) EFP workshops were held.
- More than 75 herbicide drift investigations were completed by GO staff.
- In support of the Farm Practises Protection board, all requested follow-up visits (to ensure compliance of protection orders) were completed as requested.
- Staff delivered 51 workshops on topics such as Fertility Management, Crop Residue Management, Riparian Management, Water Management, Healthy Environment and Healthy Water.

### **Objective B: Developing new rural income streams.**

#### **Expected Results:**

- Staff will support the 6<sup>th</sup> Annual Provincial Biomass Workshop, and evaluation/extension of biomass densification projects.
- Staff will develop cost-of-production budgets for biomass production systems.
- Staff will support the provincial objective of changing coal usage to biomass usage by supporting requests from the Agri-Food Innovation and Adaptation Knowledge Centre.

#### **Actual Results:**

- Staff worked to support the Agri-Food Innovation and Adaptation Knowledge Centre in hosting the 6th Annual Provincial Biomass Workshop at Providence College. Approximately 164 people attended the workshop which provided valuable information to producers on the issues and opportunities in producing, processing and using biomass fuel.

- Staff completed a detailed cost-of-production report on a number of renewable energy options including biomass. The completed report can be found on MAFRI'S website.
- Staff continue to support the Agri-Food Innovation and Adaptation Knowledge Centre in achieving the goal of shifting producers from coal to biomass usage.

### **Objective C: Increasing agricultural productivity.**

#### **Expected Results:**

- Environmental Education team will promote climate change adaptation activities at 20 EFP workshops across the province.
- Staff will assist and support local crop diversification and agronomy research when requested by the centres.
- MAFRI staff continues to work with Policy staff on a long-term beef initiative in Growing Forward 2.

#### **Actual Results:**

- Staff provided input into program and policy development of a long-term beef initiative through Growing Forward 2.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective A: Protecting the safety of the Manitoba food supply.**

#### **Expected Results:**

- Staff are members of the following On-Farm Food Safety committees; swine, poultry, beef and dairy cattle, elk-bison-goat and sheep, horticulture and grains.
- Staff review and approve research applications received from university and private contractors on food safety and biosecurity issues. This results in the delivery of new on farm food safety or biosecurity program options to Manitoba producers.
- In partnership with the Chief Veterinary Officer (CVO) deliver on-farm food safety programming along with our commodity partners.
- Staff participate as active voting members on the Board of Directors of all Veterinary Services District Boards in the Province of Manitoba. Staff provide support and leadership to these boards in an effort to ensure quality veterinary services throughout Manitoba.
- Staff on the Food Business Team will market the opportunity for a commercial kitchen to three other communities in Manitoba.

#### **Actual Results:**

- Staff were active members of the various industry committees under the Growing Forward On-Farm Food Safety program. They ensured efficient program delivery at the front line, as well as ensuring that program objectives were met.
- Staff partnered with Chief Veterinary Office staff in the delivery of On-Farm Food safety programs.
- Staff members serve as active voting members on the Board of Directors on vet boards across Manitoba. They provide support and leadership to 27 vet boards in an effort to ensure quality veterinary services throughout Manitoba.
- Staff marketed the opportunities for a commercial kitchen to three communities in Manitoba: in Winnipeg as well as in the South Interlake and Eastman regions.

**Objective B: Protecting Animals.****Expected Results:**

- GO team staff will continue to work with commodity groups and the CVO office on disease issues as required.
- GO team staff will participate in animal evacuation or inspection events with CVO staff when requested.

**Actual Results:**

- GO team staff worked with commodity groups and the CVO office on disease issues.
- GO team staff have participated in animal evacuation/ inspection events with CVO staff.

**Objective C: Growing food business.****Expected Results:**

- Partner with the CVO to organize and deliver 20 on-farm food safety programs with commodity group partners across the province.
- Promote Premise Identification (ID) program to Manitoba livestock producers working towards the complete registration of all Manitoba livestock producers.

**Actual Results:**

- Staff continued to work with the Chief Veterinary Officer to promote the Premises Identification program to Manitoba livestock producers at extension meetings and seminars.

**Objective D: Expanding agriculture in the North.****Expected Results:**

- Staff will promote and support Northern Healthy Food Initiatives (NHFI) and Growing Forward Northern Agriculture Program (NAP) applications with northern communities, individual clients and food entrepreneurs north of the 53<sup>rd</sup> parallel.
- Six (6) new NAP projects will be identified and initiated in 2012.
- Staff will continue to encourage co-operation and support from northern partner organizations such as Manitoba Aboriginal and Northern Affairs and the Regional Health Authorities on northern food projects.

**Actual Results:**

- Staff delivered agri-extension activities in 10 Aboriginal and northern communities.
- Staff continue to work with Northern Healthy Foods Initiative partners on new northern food initiatives and partnerships such as Heifer International.

**PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY****Objective A: Improving service to clients.****Expected Results:**

- GO team staff will lead the department in populating AccessManitoba with client information and client interactions.
  - GO team staff will play an integral role in AccessManitoba training.
- GO team staff will strive to input at the minimum 75% of their contacts and client interactions in 2012/13.

- Continue the development and use of 17 video conference sites located in MAFRI offices to provide more than 500 clients participating in more than 200 sessions with information in the areas of agricultural production and management, environmental sustainability, business transition, business development/start-up and value-chains development.
- Application of lean thinking (e.g. Kaizen) to multiple facets of Agricultural Crown Lands (ACL) delivery which will reduce client processing time by 15% and achieve a low number of lease renewals.
- Continue to implement new ACL policies to reduce the advertising period to one listing per year.
- GO Team staff will investigate and pilot new extension models to improve information and technology transfer to clients in a timely manner.
- The Somerset GO office will process (accept by fax and mail, review, track, scan and send to Food Development Centre and program leads) applications in a timely manner with less than a 3% error rate.
- The Somerset GO office will play an information and training role for GO offices under the Growing Forward program.

#### Actual Results:

- MAFRI recorded 5,002 transactions in AccessManitoba. Staff recorded 4,910 (98.2%) of the transactions.
- Of all the client profiles that were created in AccessManitoba by MAFRI staff, GO Team staff entered 94.2% of them.
- Nine (9) of MAFRI's 18 trainers and change leaders were GO Team staff.
- GO Team trainers did 95% of the training sessions for AccessManitoba.
- Staff continued to support the use of videoconferencing facilities across Manitoba. Close to 350 videoconference sessions were held supporting more than 500 clients throughout the province in production, management, business development, and value-chains.
- The Somerset GO Centre received and processed 122 Growing Forward applications: nine Agri-Environment, six Agri-Extension Innovation, four Northern Agriculture, 61 Agri-Advisor, 13 Agri-Excellence and 29 Agri-Extension Business with less than a 3% error rate as measured by suite and Food Development Centre call-backs.
- The Somerset GO Centre continued to play an information and training role for GO offices under the Growing Forward program.

#### Objective D: Adhering to central and departmental policies and legislation.

##### Expected Results:

- GO branch managers support the development of learning plans for their staff.

##### Actual Results:

- More than 50 % of GO Branch staff have current learning plans.

#### 5 (a) Growing Opportunities Centres

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl. No.
	2012/13	2012/13		Over/(Under)	
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	10,139	157.50	11,089	(950)	
(2) Other Expenditures	3,176		3,846	(670)	1
<b>Total Sub-Appropriation</b>	<b>13,315</b>	<b>157.50</b>	<b>14,935</b>	<b>(1,620)</b>	

1. The decrease is mainly due to the combined impact of expenditure management measures to maintain vacant positions, which has resulted in reduced operating costs, and expenditure management measures to limit costs associated with discretionary purchases, partially offset by increased expenditures related to the Bifrost Excess Water Management Initiative.

## Appropriation 5 (b) – Economy and Rural Development

The Economy and Rural Development Knowledge Centre supports farms and rural businesses in developing profitable, sustainable enterprises and turning rural and northern Manitoba communities into vibrant and sustainable regions. The knowledge centre strengthens the human capacity to establish and manage businesses and communities and promotes economic development opportunities in rural and northern Manitoba. It also facilitates collaboration among farm and rural economic development stakeholders.

<b>PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION</b>
<b>Objective A: Building a supportive business environment.</b>
<p>Expected Results:</p> <ul style="list-style-type: none"> <li>• One thousand five-hundred (1,500) people will receive the <i>Young Farmers Newsletter</i>.</li> <li>• Eight hundred (800) youth will complete an agriculture-based 4-H project.</li> </ul>
<p>Actual Results:</p> <ul style="list-style-type: none"> <li>• One thousand five-hundred (1,500) copies of the <i>Young Farmers Newsletter</i> were distributed raising awareness of the importance of business management skills; presenting business management, program and service information.</li> <li>• Nine hundred fifty-nine (959) youth completed an agriculture-based 4-H project.</li> <li>• Thirty-three (33) farms were recognized as Century Farms while 18 were recognized as 125 Year Farms.</li> </ul>
<b>Objective C: Introducing new rural income streams.</b>
<p>Expected Results:</p> <ul style="list-style-type: none"> <li>• Five thousand (5,000) people will participate in programs to evaluate their business management skills and/or increase their knowledge, improve skills or develop action plans for their agriculture or agriculture-product-processing businesses.</li> <li>• One thousand five hundred (1,500) people will receive support through the Manitoba Farm and Rural Support Services.</li> <li>• One hundred and fifty (150) young farmers will be reached and supported through the initiatives developed with Keystone Agricultural Producers (KAP) Young Farmers.</li> </ul>
<p>Actual Results:</p> <ul style="list-style-type: none"> <li>• Through the Growing Forward Business Suite programs, 31,218 clients participated in Agri-Extension Business events, 57 clients participated in skill development through Agri-Excellence, and 88 farm businesses were supported through the Agri-Advisor program.</li> <li>• More than 5,000 clients were made aware of the Agri-business assessment tool to create an action plan for their business.</li> <li>• One thousand five hundred ninety-four (1,594) people received support through the Manitoba Farm and Rural Support Services through phone, seminar and workshop events.</li> <li>• More than 150 young farmers were reached and supported through initiatives of MAFRI and KAP Young Farmers. This included the Young and Beginning Farmers Conference, discussion groups, governance opportunities and business management skills development.</li> </ul>



**Objective D: Growing farm business.****Expected Results:**

- Ten thousand (10,000) existing, new and beginning farmers will have access to farm business management tools and resources to support growth of farm businesses.

**Actual Results:**

- More than 18 new and/or revised farm management tools and resources were developed and made available to farm managers across Manitoba through the MAFRI website, webinars, workshops and conferences. These included resources such as "Human Resource Management for Farm Business in Manitoba", "A Legal Guide to Farm Estate Planning", "A Legal Guide to Plan Farmland Ownership", and "Gaining Ground-Agribusiness Assessment".

**PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING****Objective D: Growing rural business.****Expected Results:**

- Five hundred (500) people will attend Capturing Opportunities (CO) 2012 and will increase their business network and value-chain knowledge through the lens of a local living economy.
- Twenty (20) food entrepreneurs will increase their product profiles to more than 500 people at Capturing Opportunities 2012.

**Actual Results:**

- One thousand eighty-three (1,083) people attended Capturing Opportunities Living Local Economy workshops and activities.
- Ten (10) food business entrepreneurs participated in the Great Manitoba Food Fight (GMFF) and reached the CO participants through a reception highlighting their food products.

**Objective E: Growing food business.****Expected Results:**

- Ten (10) people will increase their business and marketing skills through participating in the GMFF.

**Actual Results:**

- Ten (10) food business entrepreneurs participated in the GMFF and business planning workshops through CO.

**PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES****Objective A: Building a supportive business environment.****Expected Results:**

- Six (6) rural development research projects will be supported.

**Actual Results:**

- The Brandon University Rural Development Institute grant provided support to six community outreach research projects, three designated rural research projects, seven community knowledge transfer seminars and support to 15 graduate student projects.



**Objective B: Enabling the sustainability of rural communities.****Expected Results:**

- Two thousand (2,000) youth will develop practical, marketable skills through the completion of a 4-H project.
- Fifty-nine (59) education grants and 57 infrastructure grants will be provided to the Manitoba Association of Agricultural Societies (MAAS) members; one administrative grant will be provided to each of the following: MAAS, Manitoba 4H Council (M4HC) and Manitoba Women's Institute (MWI).
- Seven (7) grants will be provided to successful applicants for regional and community economic development.
- Forty-two (42) economic development projects will be supported through the Excess Moisture Economic Stimulus Package (EMESP).
- More than 100 youth will increase their business skills through business workshops and competitions.
- More than 250 people will increase their leadership skills and board governance knowledge-building capacity within their community.
- Forty (40) nominations for economic development recognition will be received and four winners will be announced at Capturing Opportunities.

**Actual Results:**

- Two thousand, one hundred seventy-nine (2,179) youth developed practical, marketable skills through the completion of a 4-H project.
- The program details and application process for the Partner 4 Growth regional and community economic development program were finalized.
- EMSP provided financial support for 42 economic development projects aimed at restoring economic activities in flood affected communities.
- Fifty-eight (58) education grants and 57 infrastructure grants were provided in support of more than 1,000 community events led by and/or supported through the efforts of the 59 Agricultural Societies in Manitoba.
- Four (4) youth entrepreneur events were hosted including the Young Entrepreneurs Grand Challenge (15 participants), the Junior Achievement Entrepreneur Elimination (26 participants), the Building a Business Workshop (27 participants), and the 4-H Senior Members Youth Entrepreneur and Business as a Career Option Workshops (35 participants).
- Through 14 conferences, community engagement sessions and planning workshops, 535 participants were engaged in board governance, leadership, and strategic planning for their communities and organizations.
- Forty (40) nominees were provided recognition for their efforts in community economic development with four awards presented at Capturing Opportunities.

**Objective D: Growing rural business.****Expected Results:**

- Entrepreneurs and Growing Opportunities (GO) staff working with entrepreneurs will access the business development pathfinder.
- Five (5) projects will be supported through the Young Rural Aboriginal Entrepreneurship Initiative (YRAEI).
- Twenty-six (26) new or existing businesses will be participating in the Entrepreneur Boot Camp and receive support in business planning to enhance competitiveness and viability.

**Actual Results:**

- Taking Care of Business 2, a professional development event, provided updates on resources including the Business Development Pathfinder and business training seminars to 50 business development specialists.

- Four (4) workshops reaching six First Nation communities and 53 participants were held in Rolling River, Birdtail, Pine Creek and Ashern.
- Twenty-three (23) rural businesses participated in business management seminars, networking and mentoring sessions, and competed for the top three business concept pitches associated with the Entrepreneur Boot Camp.

## **PRIORITY 5 – IMPROVING WELLNESS**

### **Objective D: Expanding agriculture in the North.**

#### **Expected Results:**

- Four (4) Northern Healthy Food Initiative (NHFI) partners will increase gardening, 10 northern food-related projects will receive funding support to increase food security, and 80 people will attend the Grow North conference to increase their technical gardening skills.
- Eight (8) First Nations communities reached.

#### **Actual Results:**

- Promotion and facilitation of workshops and seminars allowed for more than 16 First Nation and Metis communities to discuss agriculture and 4-H.
- Through participation of the University of Manitoba Agriculture and Food Science Aboriginal Recruitment Committee, communication and engagement of Aboriginal people in agriculture was facilitated with Mispawistik Cree Nation (MCN) at Grand Rapids. .

## **PRIORITY 6 – DELIVERING PROGRAMS AND SERVICES EFFECTIVELY AND EFFICIENTLY**

### **Objective C: Managing financial and human resources to effectively implement department priorities.**

#### **Expected Results:**

- MAFRI's relationship with MWI and 4-H Manitoba will have clearly identified roles and responsibilities in relation to MAFRI's priorities.

#### **Actual Results:**

- MAFRI and MWI have established a five year funding agreement.
- The 2006 MAFRI-Manitoba 4-H Council Roles Document continues to provide guiding principles for decision-making in regards to roles and responsibilities in the delivery of the 4-H program.

## **5 (b) Economy and Rural Development**

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.	
	2012/13	2012/13	Over/(Under)	No.	
	\$(000s)	FTEs	\$(000s)	\$(000s)	
(1) Salaries and Employee Benefits	1,638	26.00	1,973	(335)	1
(2) Other Expenditures	480		840	(360)	2
(3) Grant Assistance	368		376	(8)	
<b>Total Sub-Appropriation</b>	<b>2,486</b>	<b>26.00</b>	<b>3,189</b>	<b>(703)</b>	

1. The under-expenditure is primarily due to expenditure management measures to defer filling vacant positions.
2. The decrease is mainly due to expenditure management measures to maintain vacant positions, which has resulted in reduced operating costs, limiting discretionary purchases as well as a delay in implementation of the Partner 4 Growth Program.

## Appropriation 5 (c) – Food Development Centre (FDC)

The Food Development Centre (FDC) is a Special Operating Agency of the Province of Manitoba and operates under the authority of Manitoba Agriculture, Food and Rural Initiatives (MAFRI). Its mandate is to assist the agri-food industry in the development and commercialization of conventional and functional foods and natural health products.

### **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Provide technology transfer to three Manitoba companies to ensure results are commercialized. Offer one training session for producers and food processors to share research results.

##### **Actual Results:**

- FDC transferred the technology and assisted three companies to commercialize four salsa products, one energy bar and a seabuckthorn tea/beverage and oil. Conducted a presentation on small fruits to Manitoba Rural Adaptation Council (MRAC).
- FDC provided research and development, sensory evaluation, nutritional labelling, shelf-life testing, technical consultation and manufacturing support to Manitoba agri-food companies. FDC provided service to 86 clients in 2012/13.

#### **Objective E: Growing food business.**

##### **Expected Results:**

- Support the growth of four new companies through food product creation.
- Co-ordinate the activities of three new clients in the Pilot Plant.
- Work with three producer groups to develop value-added products.

##### **Actual Results:**

- Food products were created for four new/early stage companies.
- Three (3) new clients worked in the Pilot Plant at FDC. As well, contract manufacturing was added as a new business line.
- FDC worked with Manitoba Pulse Growers Association and the Prairie Fruit Growers Association to create value added products and worked with the Manitoba Forage Association to review label and website claims.

### **PRIORITY 5 – IMPROVING WELLNESS**

#### **Objective A: Protecting the safety of the Manitoba food supply.**

##### **Expected Results:**

- FDC Hazardous Analysis and Critical Control Points (HACCP) Co-ordinator will complete five internal HACCP plans for Manitoba food processors.

##### **Actual Results:**

- Sixteen (16) HACCP plans were completed for millet seeds and millet flour, dried lingon berries, salsa, legume flours, birch syrup, dried berries, seabuckthorn oil, muesli, soy spread, fruit leather, lentil clusters, seabuckthorn tea leaves, chaga, dry smoothie mix, oat nugget mix and chin chin.

**Objective C: Growing food business.****Expected Results:**

- Three (3) product development projects to make Canadian health claims.
- Incubate manufacture of three healthy products in the Pilot Plant.
- Initiate one joint project with industry, Richardson Centre for Functional Foods and Nutraceuticals (RCFFN) or Canadian Centre for Agri-food Research in Health and Medicine (CCARM).

**Actual Results:**

- Health claims can be made for projects with carrot powder, saskatoon syrup, and seabuckthorn puree.
- Nutritional labels were created for 236 food products.
- Four (4) healthy products were manufactured in the Pilot Plant at FDC (seabuckthorn puree, hibiscus beverages (four flavours), millet flour, buckwheat snacks).
- A joint training event was held at RCFFN for food processors on the topic of allergen management; projects with carrot powder, saskatoon smoothie, soy spread were conducted with RCFFN; chaga tea/beverage is part of a project with CCARM.

**5 (c) Food Development Centre**

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
Grants/Transfer Payments	1,995	-	2,245	(250)
<b>Total Sub-Appropriation</b>	<b>1,995</b>	<b>-</b>	<b>2,245</b>	<b>(250)</b>

## **Appropriation 5 (d) – Food Commercialization and Marketing**

The Food Commercialization and Marketing Knowledge Centre provides services to Manitoba Agriculture, Food and Rural Initiatives (MAFRI) staff, producers, food processors and organizations to strengthen the competitive position of Manitoba's agriculture and agri-food industry in the domestic and global marketplace. The Food Commercialization and Marketing Knowledge Centre provides marketing and business management services and information, facilitates industry promotion through collaboration and alliances, and partners in building a diversified rural Manitoba. Delivery of programs and services is supported by training events, reference material, publications, media promotion, trade missions and other resources.

### **PRIORITY 1 – AGRICULTURE AS A SOLUTION – SECURING THE FOUNDATION**

#### **Objective B: Building markets.**

##### **Expected Results:**

- Increase in the participation of host farms and visitors as compared to 2011.

##### **Actual Results:**

- Fifty-four (54) host farms participated in the 2012 Open Farm Day event with 4,600 visitors (compared to 44 farms in 2011.)

### **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

#### **Objective B: Building markets.**

##### **Expected Results:**

- A Direct Farm Marketing Conference will introduce farmers to the latest knowledge about direct farm marketing.
- Increase in the number of farmers' markets in Manitoba.
- Print and distribute the Manitoba Local Produce Guide.
- Industry-led point-of-sale identification of Manitoba foods in corporate and locally-owned grocery stores and locally-owned foodservice establishments throughout the province. After one full year of campaign activities, the targeted achievement is for 30% of Manitoba consumers to be aware of the Buy Manitoba brand.
- Clients identify they have increased skills and ability to enter new and emerging markets. Increased market diversification in the agri-food export sector (currently 75% of exported Manitoba agri-food products are destined for the US.)
- Three (3) marketing workshops will improve knowledge of organic market opportunities for ingredients and value-added food products.
- Continued participation in Manitoba's Local Produce Guide is anticipated by 60 farmers' markets and 45 pre-picked market stands, U-Pick vegetable gardens and community-supported agriculture farms, leading to the consumption of local foods and strengthening of the local agri-food industry.
- Completion of up to six surveys per year by the approximately 4,000 panel members that will provide data to MAFRI to assist with policy planning in the agri-food sector.
- Continued participation on the Trade Team Manitoba Executive Council to support cross-organization co-ordination of efforts to promote and facilitate international trade with industry and associations to increase exports of Manitoba's agri-food products.
- Continued to collaborate with Entrepreneurship, Training and Trade (ETT) and Agriculture and Agri-Food Canada on incoming and outgoing trade missions and workshops that are beneficial to Manitoba's agri-food entrepreneurs and industry.



- Desired outcome to present to 40 potential clients per session with five of those participants becoming MAFRI clients.
- Desired result is the development of a consistent local supply of fresh beef and other meats for Manitoba's Muslim and Jewish consumers as well as other individuals who choose to purchase Halal and Kosher foods for non-religious reasons.

#### Actual Results:

- The Direct Farm Marketing Conference on March 8 and 9, 2013 in Dauphin, MB provided training sessions for 80 participants, about 70% of which were farmers. Topics at the conference included: Marketing on a Shoe String Budget, Building a Brand to Tell Your Story, Pricing for Profit, Fruit Grower Profile – Production and Marketing Insight, Expanding Your Direct Farm Market Beyond U-Pick Innovative Attractions and Promotions.
- The number of farmers markets in Manitoba was stable with 57 operating in 2012/13. There were 61 markets in 2011/12.
- Printed and distributed 15,000 copies of the Manitoba Local Produce Guide.
- Five (5) months after the April 26, 2012 launch of the Buy Manitoba public awareness campaign, consumer awareness of the program was measured with 29% of Manitobans indicating awareness of the new brand.
- Six (6) Manitoba companies increased their skills and abilities to enter new markets through a half-day tradeshow workshop to help them prepare for a 2013 food products tradeshow in Toronto.
- Hosted three marketing workshops attended by 120 organic producers. Outcomes included: improved knowledge of organic market opportunities for ingredients and value added food products, one-on-one meetings with organic grain buyers and knowledge related to organic forage seed production.
- Manitoba's Local Produce Guide had 57 farmers' markets participating along with 41 pre-picks, seven U-picks and 10 Community Supported Agriculture (CSA) Farms.
- The Manitoba Consumer Monitor Food Panel administered five surveys during 2012/13 to 4,000 participants. Each survey was completed by approximately 1,600 respondents.
- The Trade Team Manitoba Executive Council did not meet in 2012/13.
- Provided support to ETT on the following:
  - Client recruiting for Institute of Food Technologists (IFT) in Las Vegas, June 2012; and Biotechnology Conference & Expo in Boston, June 2012.

#### Incoming Missions:

- Japanese Consulate (June 19, 2012)
- York Benimaru Foundation 4-H Home Exchange Program (August 2012)
- Organic Buyers (September 2012)
- New Delhi Television (NDTV) Culinary Tourism Program (September 2012)
- Japanese Ambassador (September 26, 2012)
- Jivo Wellness from India (September 27, 2012)
- Yingkou Traffic and Logistics company from China (November 28, 2012)
- China National Technical Import Export Corporation (December 13, 2012)
- Indonesian Ambassador (March 2013)
- Nigerian Ambassador (March 2013)

#### Outgoing Missions:

- China (April, September and November 2012)
- Japan (October 2102)
- Client participation at the three marketing workshops totaled 31, with three new client relationships being developed by the Business Development Specialist for Consumer Trends.
- Promotion of investment opportunity in beef slaughter continues to occur with interested Chinese buyers.

**Objective D: Growing rural business.****Expected Results:**

- Increased market awareness of organic crops and livestock to the ingredient and processed food market.
- Increased culinary tourism and agri-tourism products, services and experiences.

**Actual Results:**

- Increased awareness of emerging opportunities for specific organic crops and livestock, fostering connections between farmers and organic grain buyers through hosting marketing workshops and in-person buyer-seller meetings.
- India's NDTV network filmed one episode in Manitoba for their food and lifestyle show, including local products as a way to increase visibility in India for Manitoba. Provided an experiential agri-tourism study tour attended by 23 people in conjunction with a Brandon University three-credit Rural Tourism course focusing on agri-tourism.

**Objective E: Growing food business.****Expected Results:**

- Up to 10 competitors will present new and innovative food product ideas at the Great Manitoba Food Fight (GMFF) with the goal that 75% of these awards will be utilized within one year. Goal of two new food products entering the market within 18 months of participating in the competition and four entrepreneurs continuing to work with MAFRI in the development of their products and businesses.
- Consumers will choose increased volumes of Manitoba-grown produce.
- Increase in the number of value-added organic products processed in Manitoba.
- At least bi-weekly publication of consumer trends information via a trends blog plus at least three consumer trends presentations at agri-food marketing workshops during the year.
- A profile of Manitoba's food processing industry will be used to assist potential future primary industry research as well as policy and strategy development.

**Actual Results:**

- Ten (10) entrepreneurs presented their new food product innovations at the GMFF. Manitoba Institute of Culinary Arts students helped each of the competitors explore the foodservice market potential for their products by creating a unique recipe using each competitor's food product as a base or significant ingredient. Product development activities for the three winning products have advanced as a result of these competitors winning, but are not yet completed as of this report. Four (4) of the 10 products presented are currently being sold in retail/foodservice market.
- The Local Produce Guide's distribution was increased from 10,000 copies in 2011/12 to 15,000 copies in 2012/13 creating a positive impact on the volumes of Manitoba-grown produce being sold and consumed.
- In 2012/13, two organic farmers developed on-farm processed food products for the first time and many food processors introduced new product lines.
- Four (4) consumer trend presentations were made at agri-food marketing workshops.
- Advice and support was provided in the development of a MAFRI food strategy which will give direction on the development of programs and policies in support of the food processing sector.

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- Identify solutions and make recommendations to resolve issues.

##### **Actual Results:**

- Relationship-building activities took place between members of Manitoba's grocery and foodservice sectors at both independent and corporate levels, opening doors to Manitoba's agri-food processors.

#### **Objective D: Growing rural business.**

##### **Expected Results:**

- Provide training (in person and online) to agri-tourism enterprises.

##### **Actual Results:**

- A *Growing an Agri-Tourism Business* project was developed to complement the Brandon University Winter 2013 Rural Tourism course. The course explored how farm direct marketing, culinary arts and agri-tourism are impacting the sales of local foods and economic development of farms and rural communities. There were 23 attendees.

### **5 (d) Food Commercialization and Marketing**

<b>Expenditures by Sub-Appropriation</b>	<b>Actual</b>	<b>Estimate</b>	<b>Variance</b>	<b>Expl.</b>
	<b>2012/13</b>	<b>2012/13</b>	<b>Over/(Under)</b>	<b>No.</b>
	<b>\$(000s)</b>	<b>FTEs</b>	<b>\$(000s)</b>	<b>\$(000s)</b>
(1) Salaries and Employee Benefits	652	10.50	802	(150)
(2) Other Expenditures	143		287	(144)
<b>Total Sub-Appropriation</b>	<b>795</b>	<b>10.50</b>	<b>1,089</b>	<b>(294)</b>

1. The under-expenditure is primarily due to the combined impact of expenditure management measures to maintain vacant positions, which has resulted in reduced operating costs, and limiting of discretionary purchases.

## Appropriation 5 (e) – Infrastructure Development Grants

This program facilitates infrastructure projects which enhance sustainable economic development in various communities in Manitoba.

<b>PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES</b>	
<b>Objective A: Building a supportive business environment.</b>	
Expected Results:	
<ul style="list-style-type: none"> <li>Development of municipal infrastructure (sewer/water/roads) to service new or expanding enterprises in rural Manitoba deemed of strategic importance to the regional/local economy.</li> </ul>	
Actual Results:	
<ul style="list-style-type: none"> <li>Contributed \$25 thousand to Eriksdale Community Development Corporation to develop a commercial business/industrial park located on the highway in Eriksdale, Manitoba to attract industries, commercial businesses and bring growth and employment to the area.</li> </ul>	
Additional Results:	
<ul style="list-style-type: none"> <li>Provided \$290 thousand towards an on-site wastewater pre-treatment plant as part of the Maple Leaf Foods Lagimodiere Boulevard packaged meats facility expansion in Winnipeg. This resulted in a \$95.54 million investment in Manitoba and the creation of approximately 350-380 new full time equivalent positions for operators and labourers.</li> <li>The second and final contribution of \$200 thousand was provided to Winnipeg Old Country Sausage Ltd. (WOCS.) The intention of the contribution was to upgrade and expand their existing Winnipeg facility to become a federally-registered meat-processing plant compliant with federal meat inspection regulations. This would allow the company to expand its meat exports to markets across Canada.</li> </ul>	

### 5 (e) Infrastructure Development Grants

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
Grants/Transfer Payments	515	-	1,015	(500)	1
<b>Total Sub-Appropriation</b>	<b>515</b>	<b>-</b>	<b>1,015</b>	<b>(500)</b>	

1. The under-expenditure is primarily due to expenditure management measures to defer capital projects.

## Appropriation 5 (f) – Less: Recoverable from Rural Economic Development Initiatives (REDI)

This sub-appropriation provides for the recovery of salary and operating expenditures related to departmental economic development activities, capital infrastructure programs and the Partner 4 Growth Program from Rural Economic Development Initiatives.

<b>PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES</b>	
<b>Objective A: Building a supportive business environment.</b>	
Expected Results:	
<ul style="list-style-type: none"> <li>Provide the necessary funding for the delivery of Rural Economic Development Initiatives for the development and growth of rural and northern Manitoba businesses.</li> </ul>	
Actual Results:	
<ul style="list-style-type: none"> <li>Provided \$1.143 million for the salaries and operating costs of staff members delivering economic development programs in rural and northern Manitoba.</li> <li>Contributed \$315 thousand through the Infrastructure Development Grants Program towards the expansion of the Maple Leaf Foods Lagimodiere Blvd. processing plant and developing a commercial business/industrial park in Eriksdale.</li> </ul>	

### 5 (f) Less: Recoverable from Rural Economic Development Initiatives

Expenditures by Sub-Appropriation	Actual	Estimate	Variance	Expl.
	2012/13 \$(000s)	2012/13 FTEs \$(000s)	Over/(Under) \$(000s)	No.
Recoveries	(1,458)	-	(1,939)	481 1
<b>Total Sub-Appropriation</b>	<b>(1,458)</b>	<b>-</b>	<b>(1,939)</b>	<b>481</b>

1. Recoveries were lower than anticipated mainly due to decreased economic development initiatives costs, resulting from expenditure management measures to defer filling vacant positions, limiting discretionary expenditures and a delay in the implementation of the Partner 4 Growth Program.



## **Appropriation 5 (g) – Rural Economic Development Initiatives (REDI)**

The Rural Economic Development Initiative (REDI) supports rural and northern community economic development activities. REDI is a fund derived entirely from revenues generated by video lottery terminals in rural and northern Manitoba. Funds are invested back into the economy to encourage economic development and diversification. These funds are designed to provide a boost to the economy while laying the foundation for sustained growth and development.

### **PRIORITY 2 – GROWING THE BIO-ECONOMY THROUGH FOOD AND AGRI-PRODUCT PROCESSING**

#### **Objective E: Growing food business.**

##### **Expected Results:**

- \$1.08 million provided to support the commercialization of ten new products/innovations.

##### **Actual Results:**

- REDI provided funding of \$1.08 million for the development of 19 new products/innovations through the Commercialization Support for Business Program (CSB).

##### **Additional Results:**

- MAFRI staff consulted with entrepreneurs/businesses relating to the development of 27 projects.
- Presentations on the CSB program were given to 40 entrepreneurs and service providers at three regional events.

### **PRIORITY 3 – BUILDING RURAL AND NORTHERN COMMUNITIES**

#### **Objective A: Building a supportive business environment.**

##### **Expected Results:**

- The preparation of five reports related to rural community economic development through the Rural Development Institute.
- Approval of 280 Hometown Manitoba applications providing \$450 thousand in financial support leveraging an additional \$2.4 million in capital investment in rural and northern communities to enhance the physical appearance of main street public areas, building exteriors and greening initiatives.
- The identification of five community strategic opportunities and two feasibility investigations.

##### **Actual Results:**

- Ten (10) research proposals were prepared concerning the advancement of rural economic development through the Rural Development Institute including; CED Tools: A Prototype as Applied Research; Settlement and Integration of Newcomers In Rural And Smaller Communities In Western Canada; Bringing Broadband to Underserved Rural MB Communities in Need; Creating Rural Connections: Regional Realities and Approaches; Reconciling Regional Initiatives with Local Autonomy; Rural and Remote around the World; Addressing the Inequalities in Rural Areas; Research Responding to Rural Challenges: Locally, Nationally and Globally; Age-friendly Rural and Remote Communities: Development Framework, Challenges, and Opportunities.
- Six (6) community outreach research projects were approved in 2012/13 for: Food Café's: Beginning to Understand the Food Landscape in Brandon, Determination of a System to Propagate Red Osier-Dogwood, Birtle Riverside Park Analysis Project, Determination of the Current Practices Related to Critical Incidents in Manitoba, A Topographic Survey of Camp Hughes, and Asessippi Parkland Business Retention and Expansion Program.
- The Hometown Manitoba program approved 128 projects representing \$232 thousand in

financial support. Program funding leveraged an additional \$1.686 million from rural communities, organizations, co-operatives and businesses, resulting in capital investment in rural and northern communities of \$1.918 million.

- In 2012/13, one hundred Hometown Manitoba projects were completed with payments totaling \$165 thousand.
- Contributed \$1.5 thousand to the Parkland Agricultural Resource Co-op for an Investment Attraction Strategy in the Parkland area, which is phase four of a Regional Growth Strategy. The Strategy will develop a long-term plan to diversify the economy and, as a result, sustain the area by creating jobs, generating incremental tax revenue and preventing youth out-migration.
- Provided \$79.4 thousand to support development work towards a comprehensive Brandon Regeneration Strategy focusing on the redevelopment of the downtown area.

#### Additional Results:

- Contributed \$290 thousand towards the expansion of the Maple Leaf Foods Lagimodiere Blvd. processing plant.
- Contributed \$200 thousand to Winnipeg Old Country Sausage Ltd. to upgrade and expand their existing Winnipeg facility to become a federally-registered meat processing facility compliant with federal meat inspection regulations. This will allow the company to expand its meat exports to other provinces.
- Provided \$25 thousand to develop a commercial business/industrial park in Eriksdale, Manitoba.
- REDI provided funding of \$53 thousand for Capturing Opportunities 2012, which took place April 24 to 25 in Brandon. The forum brought communities, businesses and youth together to discuss issues of importance to rural and northern communities. The 2012 theme was "The Local Living Economy" and featured information sessions and keynote speakers addressing new opportunities in grain marketing, food and the bio-economy, growing from within and unique co-operative business models with particular examples related to the local economy.

### Objective B: Enabling the sustainability of rural communities.

#### Expected Results:

- \$1.85 million provided to create meaningful and career-oriented summer employment opportunities for 750 students and youth in rural and northern Manitoba that provides a variety of community development opportunities that improve neighbourhoods, promote community involvement and help develop young leaders.
- \$36 thousand contributed to the Manitoba Chamber of Commerce for the Youth Entrepreneurs' Challenge to teach more than 300 Manitoba high school students entrepreneurial skills.
- \$463 thousand provided to improve the employability of 300 youth receiving income assistance or facing multiple barriers to employment; support youth who want to establish a business venture; support services for Aboriginal youth pursuing business development and for young entrepreneurs to attend a business related education program.
- \$155 thousand provided to 66 Manitoba communities for the operation of handi-van services in rural Manitoba to enable mobility disadvantaged citizens to live more independently.
- \$344 thousand provided to 250 not-for-profit groups for facility construction, upgrading, expansion or acquisition projects which offer sustainable benefits to communities.
- Contribute \$250 thousand to the Brandon and Thompson Neighbourhood Renewal Corporations.
- Creation of two new community foundations in rural and northern Manitoba.
- Creation of two Community Round Tables in a rural or northern community.

#### Actual Results:

- REDI contributed \$1.790 million to the Green Team Program which enabled 324 youth to work in Manitoba provincial parks and 556 youth employment opportunities in rural communities.
- REDI contributed \$36 thousand to the Manitoba Chamber of Commerce under the Youth Business Institute Program for the Youth Entrepreneurs' Challenge. This challenge provided 148

Manitoba high school students with the opportunity to learn about business and practice their business skills through a computer simulated business game.

- REDI contributed \$291.5 thousand to the Partners with Youth Program which enabled participating communities to provide valuable work experience for 405 youth involved in 19 projects across rural Manitoba.
- REDI contributed \$155 thousand to the Mobility Disadvantaged Transportation Program administered by Manitoba Local Government. The program provides more than \$1 million in annual operating and capital support funding to 69 Manitoba communities for handi-transit services to support the establishment and operation of a handi-van service enabling mobility disadvantaged citizens to live more independently.
- Manitoba Housing and Community Development administered REDI funds of \$844 thousand for the Community Places Program. The program provided funding and planning assistance of more than \$3.5 million to 270 not-for-profit groups for facility construction, upgrading, expansion or acquisition projects which offer sustainable benefits to communities. This funding is expected to have leveraged more than \$46 million in community-based construction projects.
- Provided \$250 thousand through the Manitoba Housing and Community Development Program to support community-driven neighbourhood revitalization efforts through the operation of Neighbourhood Renewal Corporations in Brandon and Thompson.
- REDI provided \$100 thousand to The Winnipeg Foundation to enhance the presence of Manitoba's community foundations. Currently, The Winnipeg Foundation is managing 296 funds worth \$18.8 million for 30 Manitoba Community Foundations

#### Additional Results:

- REDI provided \$14.2 million in financial support for 152 economic development/business projects resulting in the creation of approximately 354 new jobs and the leveraging of \$20.9 million in investment to boost Manitoba's rural economy and give rural communities and businesses the tools to help them grow.
- Provided \$375 thousand to the Keystone Centre in Brandon for operating and debt servicing.
- Manitoba Conservation and Water Stewardship administered REDI funds of \$263.5 thousand for the suppression of the spruce budworm outbreak and to protect the long term wood supply in northwestern and eastern Manitoba.
- REDI contributed \$20 thousand to the Provincial Exhibition of Manitoba towards agriculture activities at the 2013 Royal Manitoba Winter Fair. More than 118,000 visitors attended the March 25 to 30, 2013 event resulting in an economic impact in Manitoba of \$12 million.
- Contributed \$25 thousand to Manitoba Communities in Bloom Inc. to operate and promote its community beautification program throughout Manitoba. In 2012, 12 communities participated in the Manitoba edition of the program and eight communities competed at the national level.
- Provided \$442.3 thousand to the Manitoba Horse Racing Commission to support 22 summer rural harness racing days across Manitoba.

### Objective C: Introducing new rural income streams.

#### Expected Results:

- \$150 thousand provided to Travel Manitoba to foster development, growth and diversity in the tourism industry.

#### Actual Results:

- REDI contributed \$150 thousand to Travel Manitoba to foster development, growth and diversity in the tourism industry.

### Objective D: Growing rural business.

#### Expected Results:

- Facilitate 50 loans for rural economic development through \$5 million in loan guarantees.

- Private investment of \$1 million in two community-based enterprise development projects through personal income tax credits.
- Provide \$110 thousand to Community Economic Development activities/services in 15 northern communities.

#### Actual Results:

- The Rural Entrepreneur Assistance (REA) Program approved 28 loan guarantees in 2012/13 with total value of \$3.4 million, creating the equivalent of 80 full time jobs.
- The Community Enterprise Development Tax Credit program approved two community-based enterprise development projects worth \$369 thousand in private investments resulting in personal income tax credits of \$110.7 thousand.
- An investment of \$109.5 thousand was provided to the Community Economic Development Fund (CEDF) for the delivery of REDI programs in northern communities. Results of the 2012/13 Community Economic Development activities include:
  - The 'Northern Commercial Hydroponics' business plan for freshly grown produce in Manitoba's north was presented to the Northern Trading Company, parent company of the Northern Stores.
  - Business planning assistance was provided to a northern apiary (Thicket Portage/Thompson), a fish processor (Grand Rapids) and an on-reserve housing contractor (Nisichawayasihk Cree Nation).
  - Worked extensively with Lynn Lake to reactivate the Community Development Corporation (CDC), install a new Board of Directors, develop a strategic plan complete with short and long-term work plans, and re-establish a functional CDC working relationship with the Town Council and Marcel Colomb First Nation.
  - Assisted with the revival of the Snow Lake New Futures Development Corporation.
  - Provided direction and guidance regarding northern best practice models for downtown revitalization.
  - Assisted the town of Leaf Rapids in reviewing the town's Emergency Plan, writing the Leaf Rapids - University College of the North Regional Centre concept paper, and spearheading Phase II of the Leaf Rapids Housing Renewal Project.
  - Provided a post-secondary field placement in community economic development for a Churchill resident studying at Red River College in Winnipeg and participated in 'Churchill Beyond 2012: A Sustainability Summit'.

#### Additional Results:

- Two (2) Grow Bond issues for Acrylon Plastics Inc. in Winkler are still being administered for a total of \$2.5 million until April 15, 2017.

### **PRIORITY 4 – ENHANCING & SUSTAINING THE ENVIRONMENT**

#### **Objective A: Ensuring a healthy agro-ecosystem.**

#### Expected Results:

- \$3 million applied towards upgrades of municipal water and sewage treatment infrastructure for 30 rural communities.
- \$1.165 million provided to 18 conservation districts covering more than 60% of Agro- Manitoba to develop programs to effectively manage the natural resources of their area.

#### Actual Results:

- REDI provided funding of \$2.984 million through the Manitoba Water Services Board for 34 rural communities to develop safe and sustainable water and/or sewage treatment infrastructure.



- REDI contributed funding of \$1.165 million through Manitoba Conservation and Water Stewardship to 18 conservation districts for rural and northern communities to install or upgrade water and sewer services and improve environmental and economic sustainability. REDI also provides for the development of new conservation districts to undertake sustainable economic development projects in the areas of soil and water management and habitat enhancement.

#### Additional Results:

- Provided \$1.367 million to the Manure Management Financial Assistance Program to support hog production facilities in Manitoba to build additional manure storage capacity in order to eliminate winter application of manure and to repair manure storage structures to reduce the risk of leakage.
- REDI contributed \$406.6 thousand in financial assistance to planning districts and municipalities under the Community Planning Assistance Program (part of Manitoba's Livestock Stewardship Initiative) for the preparation of planning by-laws, public involvement in the planning process and the creation of digital parcel mapping to support land use policy and implementation.

### **PRIORITY 5 – IMPROVING WELLNESS**

#### **Objective C: Growing food business.**

#### Expected Results:

- Contribute \$40 thousand to the St. Boniface Research Centre for a study of the effects of chaga mushrooms and birch tree sap in the treatment of Type 2 Diabetes.

#### Actual Results:

- Provided \$40 thousand to the St. Boniface Research Centre for a study of the effects of chaga mushrooms and birch tree sap in the treatment of Type 2 Diabetes.

#### Additional Results:

- REDI provided funding of \$236 thousand towards the Beach Safety Program which provides water safety education and emergency response at Birds Hill, Grand Beach and Winnipeg Beach Provincial Parks.
- Manitoba Justice administered REDI funds of \$2 million for two Brandon Police Officers, one Dakota Ojibway Police Service (DOPS) officer and 23 rural RCMP members to enforce federal and provincial statutes and municipal by-laws and to administer crime prevention programs in rural municipalities, cities, towns, villages, and local government districts that do not provide their own police service.
- Manitoba Culture, Heritage and Tourism administered REDI funds of \$282.7 thousand for two strategic public information campaigns related to diabetes awareness and apprenticeship/training opportunities.
- Contributed \$12.5 thousand to the Fort Whyte Farms Initiative to work with youth from the inner-city to provide experience in agricultural projects. This initiative provided 77 programs, 179 hours of training and employed 15 summer interns including three senior interns who had extended employment terms of 4.5 months. In August 2012, the 'Farm to Fork' Teaching Kitchen was completed to provide training in culinary skills and healthy eating. A total of 850 students from grades 2 and 3 participated in the 'Farm to Fork' School program whose goal is to teach youth about farming and the benefits of living sustainably and eating locally.



## 5 (g) Rural Economic Development Initiatives

	Actual	Estimate	Variance	Expl.
Expenditures by Sub-Appropriation	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)
Rural Economic Development Initiatives	17,453	-	21,400	(3,947)
<b>Total Sub-Appropriation</b>	<b>17,453</b>	<b>-</b>	<b>21,400</b>	<b>(3,947)</b>

1. *Rural Economic Development Initiatives provide funding for community economic development/business projects and strategic initiatives in rural and northern Manitoba. On an annual basis, costs vary mainly as a result of unanticipated client proposal and delays in project planning, implementation and/or completion. In 2012/13, lower than anticipated expenditures primarily occurred due to expenditure management measures and lower expenditure requirements for programs administered by this and other departments.*

## Appropriation 6

### Costs Related to Capital Assets

The objective of this sub-appropriation is to comply with Canadian Institute of Chartered Accountants standards that requires the expenditures on tangible capital assets be amortized over the useful life of the asset.

#### Expected Results:

- Recognizing amortization in this way allocates the cost of capital assets to the periods of service provided and amortization is recorded as an expense in the statement of operations.

#### Actual Results:

- 2012/13 amortization costs were recorded in compliance with the Canadian Institute of Chartered Accountants standards by Manitoba Agriculture Food and Rural Initiatives.

To provide for interest costs related to capital investment decisions made by the department.

#### Expected Results:

- Provision of financing costs for capital investment related to the department.

#### Actual Results:

- 2012/13 interest costs were recorded in compliance with the Canadian Institute of Chartered Accountants standards by Manitoba Agriculture Food and Rural Initiatives.

#### 6 Costs Related to Capital Assets

	Actual	Estimate	Variance	Expl.
Expenditures by Sub-Appropriation	2012/13	2012/13	Over/(Under)	No.
	\$(000s)	FTEs \$(000s)	\$(000s)	
(a) Amortization Expense	419	-	427	(8)
(b) Interest Expense	81	-	83	(2)
<b>Total Appropriation</b>	<b>500</b>	<b>-</b>	<b>510</b>	<b>(10)</b>



**SECTION ONE**  
**PART B**  
**CAPITAL INVESTMENT**  
**INFORMATION**

## Part B – Capital Investment

Objective: To provide for the acquisition of tangible capital assets needed in the Veterinary Diagnostic Services (VDS) laboratory to protect human health from zoonotic diseases and animal health from serious diseases.

Expected Results:
<ul style="list-style-type: none"> <li>The department will invest \$250 thousand in new laboratory equipment.</li> </ul>
Actual Results:
<ul style="list-style-type: none"> <li>During the 2012/13 year, the department purchased \$208 thousand in new laboratory equipment.</li> </ul>
Additional Results:
<ul style="list-style-type: none"> <li>The department incurred \$9.947 million in capital investment costs related to land purchases under the Shoal Lakes Agricultural Flooding Assistance Program – Voluntary Buy-out program component. Additional funding of \$10.493 million was allocated from 26 Capital Assets – Internal Service Adjustments.</li> </ul>

### Part B - Capital Investment

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
Capital Investment	10,155	-	10,743	(588)	
<b>TOTAL</b>	10,155	-	10,743	<b>(588)</b>	



**SECTION TWO**  
**ADDITIONAL FINANCIAL**  
**INFORMATION**  
**AND APPENDICES**

# **Appendix A: Financial Information** **Manitoba Agriculture, Food and Rural Initiatives** **Expenditure Summary**

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Estimate 2012/13	Appropriation	Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.
<b>PART A - OPERATING</b>					
<b>03-1 ADMINISTRATION AND FINANCE</b>					
37	(a) Minister's Salary	37	32	5	
	(b) Executive Support				
777	(1) Salaries and Employee Benefits	880	582	298	1
66	(2) Other Expenditures	70	72	(2)	
30	(3) Policy Studies	28	12	16	
	(c) Strategic Planning Directorate				
484	(1) Salaries and Employee Benefits	416	515	(99)	
139	(2) Other Expenditures	67	97	(30)	
	(d) Financial and Administrative Services				
1,108	(1) Salaries and Employee Benefits	1,148	932	216	
356	(2) Other Expenditures	267	290	(23)	
2,997	Subtotal 03-1	2,913	2,532	381	

# **Appendix A: Financial Information** **Manitoba Agriculture, Food and Rural Initiatives** **Expenditure Summary**

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Estimate 2012/13	Appropriation	Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.
<b>03-2 POLICY AND AGRI-ENVIRONMENT</b>					
	(a) Policy Analysis				
1,665	(1) Salaries and Employee Benefits	1,456	1,688	(232)	
331	(2) Other Expenditures	276	297	(21)	
	(b) Knowledge Management				
1,452	(1) Salaries and Employee Benefits	1,215	1,127	88	
254	(2) Other Expenditures	225	241	(16)	
	(c) Boards, Commissions and Legislation				
479	(1) Salaries and Employee Benefits	562	587	(25)	
211	(2) Other Expenditures	200	168	32	
	(d) Agri-Environment				
1,997	(1) Salaries and Employee Benefits	1,582	1,529	53	
645	(2) Other Expenditures	359	2,519	(2,160)	2
8,508	(3) Manure Management Financial Assistance Program	6,378	6,844	(466)	
	(e) Land Use				
891	(1) Salaries and Employee Benefits	957	836	121	
835	(2) Other Expenditures	941	889	52	
(2,654)	(f) Less: Recoverable from Rural Economic Development Initiatives	(1,367)	(2,347)	980	3
14,614	Subtotal 03-2	12,784	14,378	(1,594)	

**Appendix A: Financial Information**  
**Manitoba Agriculture, Food and Rural Initiatives**  
**Expenditure Summary**

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Estimate 2012/13	Appropriation	Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.
<b>03-3 RISK MANAGEMENT, CREDIT AND INCOME SUPPORT PROGRAMS</b>					
	(a) Manitoba Agricultural Services Corporation				
8,475	(1) Administration and Lending Costs	11,284	8,288	2,996	4
58,863	(2) AgriInsurance	61,251	38,958	22,293	5
1,516	(3) Wildlife Damage Compensation	1,544	1,097	447	6
	(b) Agricultural Income Stabilization				
44,216	- Agricultural Income Stabilization	63,321	96,323	(33,002)	7
	- AgriRecovery	-	141,605	(141,605)	8
417	(c) Food Industry Development	395	517	(122)	
35,603	(d) Farmland School Tax Rebate	39,351	36,905	2,446	9
(1,142)	(e) Less: Recoverable from Rural Economic Development Initiatives	(833)	(1,217)	384	10
147,948	Subtotal 03-3	176,313	322,476	(146,163)	

## Appendix A: Financial Information

### Manitoba Agriculture, Food and Rural Initiatives

#### Expenditure Summary

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Estimate 2012/13	Appropriation	Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.
<b>03-4 AGRI-INDUSTRY DEVELOPMENT AND INNOVATION</b>					
	(a) Livestock Industry				
4,879	(1) Salaries and Employee Benefits	4,869	4,999	(130)	
1,772	(2) Other Expenditures	1,697	1,523	174	
495	(3) Grant Assistance	488	675	(187)	
	(b) Chief Veterinary Office/Food Safety				
2,639	(1) Salaries and Employee Benefits	2,519	2,301	218	
2,343	(2) Other Expenditures	2,217	2,298	(81)	
	(c) Crop Industry				
2,407	(1) Salaries and Employee Benefits	2,281	2,463	(182)	
670	(2) Other Expenditures	584	609	(25)	
	(d) Agri-Food Innovation and Adaptation				
1,421	(1) Salaries and Employee Benefits	1,211	1,316	(105)	
339	(2) Other Expenditures	549	655	(106)	
1,465	(3) Grant Assistance	1,465	1,465	-	
700	(e) Agricultural Sustainability Initiative	498	837	(339)	11
19,130	Subtotal 03-4	18,378	19,141	(763)	

## Appendix A: Financial Information

### Manitoba Agriculture, Food and Rural Initiatives

#### Expenditure Summary

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Estimate 2012/13	Appropriation	Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.
<b>03-5 AGRI-FOOD AND RURAL DEVELOPMENT</b>					
	(a) Growing Opportunities Centres				
11,089	(1) Salaries and Employee Benefits	10,139	9,648	491	
3,846	(2) Other Expenditures	3,176	3,253	(77)	
	(b) Economy and Rural Development				
1,973	(1) Salaries and Employee Benefits	1,638	1,547	91	
840	(2) Other Expenditures	480	503	(23)	
376	(3) Grant Assistance	368	866	(498)	12
2,245	(c) Food Development Centre	1,995	2,245	(250)	
	(d) Food Commercialization and Marketing				
802	(1) Salaries and Employee Benefits	652	451	201	13
287	(2) Other Expenditures	143	142	1	
1,015	(e) Infrastructure Development Grants	515	238	277	14
(1,939)	(f) Less: Recoverable from Rural Economic Development Initiatives	(1,458)	(1,869)	411	15
21,400	(g) Rural Economic Development Initiatives	17,453	18,271	(818)	
41,934	Subtotal 03-5	35,101	35,295	(194)	



**Appendix A: Financial Information**  
**Manitoba Agriculture, Food and Rural Initiatives**  
**Expenditure Summary**

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Estimate 2012/13	Appropriation	Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.
<b>03-6 COSTS RELATED TO CAPITAL ASSETS</b>					
427	(a) Amortization Expense	419	405	14	
83	(c) Interest Expense	81	82	(1)	
510	Subtotal 03-6	500	487	13	
227,133	<b>TOTAL (PART A)</b>	245,989	394,309	(148,320)	

**PART B - CAPITAL INVESTMENT**

**3. CAPITAL ASSETS**

250	General Assets	208	252	(44)	
10,493	Land	9,947	3,055	6,892	16
10,743	<b>TOTAL (PART B)</b>	10,155	3,307	6,848	

# **Appendix A: Financial Information** **Manitoba Agriculture, Food and Rural Initiatives** **Expenditure Summary**

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Expenditures by Sub-Appropriation	Actual	Estimate		Variance	Expl.
	2012/13	2012/13		Over/(Under)	No.
	\$(000s)	FTEs	\$(000s)	\$(000s)	
1. ADMINISTRATION AND FINANCE	2,913	30.00	2,997	(84)	
2. POLICY AND ENVIRONMENT	12,784	86.50	14,614	(1,830)	
3. RISK MANAGEMENT, CREDIT AND INCOME SUPPORT PROGRAMS	176,313	0.00	147,948	28,365	
4. AGRI-INDUSTRY DEVELOPMENT AND INNOVATION	18,378	167	19,130	(752)	
5. AGRI-FOOD AND RURAL DEVELOPMENT	35,101	194.00	41,934	(6,833)	
6. COSTS RELATED TO CAPITAL ASSETS	500	-	510	(10)	
<b>TOTAL EXPENDITURES</b>	<b>245,989</b>	<b>477.23</b>	<b>227,133</b>	<b>18,856</b>	

## Appendix A: Financial Information

### Manitoba Agriculture, Food and Rural Initiatives

### Expenditure Summary

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

#### Explanations:

1. The variance is mainly due to 2012/13 retirement related costs.
2. The decrease primarily reflects costs related to the Manitoba Sustainable Agricultural Practices Program which ended in 2011/12.
3. The variance is primarily due to lower costs related to the Manure Management Financial Assistance Program in 2012/13, which are partially recovered from the Rural Economic Development Initiatives (REDI) program.
4. The increase is mainly the result of increased loan provisions in 2012/13.
5. The increase is primarily the result of the combined impact of fewer acres being seeded in 2011/12 due to excess moisture and 2012/13 increases for crop prices, premium rates, probable yields and producer coverage level selections.
6. The variance is mainly due to an increase in the number of compensation claims compared to 2011/12.
7. On an annual basis, Agricultural Income Stabilization expenses can vary significantly as a result of global economic and local weather conditions experienced, which impact farm income. Total costs recorded in 2012/13 were \$63,321, including \$44,550 for AgriStability and \$18,771 for AgriInvest compared to total costs recorded in 2011/12 of \$96,323, including \$75,984 for AgriStability and \$20,339 for AgriInvest.
8. Manitoba farmers experienced significant setbacks in 2011 due to excess moisture and flooding. The 2011 Manitoba AgriRecovery Program mitigated the impacts of this disaster by providing financial assistance to farmers for the restoration and maintenance of their operations through 2011, and for the rehabilitation of their farms in time for the 2012 crop year. AgriRecovery flood programs were jointly delivered by MAFRI and MASC with total 2011/12 program costs estimated at \$141.4 million. In addition, a further \$0.2 million in one-time financial assistance was provided under the AgriRecovery program to turkey producers to offset their remediation costs following a November 2010 outbreak of avian influenza.
9. The variance is mainly due to an increase in farmland school tax levies in 2012/13 partially offset by prior years' adjustments to reflect estimated participation rates.
10. The decrease in recoveries is primarily due to lower 2012/13 costs associated with the Rural Entrepreneur Assistance Program, a 2012/13 reduction to the Buy Manitoba Program as per the agreement schedule and lower interest costs related to the Community Works Loan Program.
11. The decrease from 2011/12 is primarily the result of a reprioritization of resources within the department for 2012/13.
12. The decrease mainly reflects the discontinuation of grants to the Regional Development Corporations in 2012/13.
13. The variance is mainly due to fewer vacant positions occurring in 2012/13.
14. The increase from prior year is mainly the result of a 2012/13 contribution to Maple Leaf Foods Inc. for planned improvements to the on-site waste water treatment system at its expanded packaged meats facility located in Winnipeg.
15. The decrease in recoveries is mainly due to the discontinuation of grants to the Regional Development Corporations in 2012/13, which were recoverable from REDI.
16. The increase in Capital Investment reflects costs associated with the Shoal Lakes Agriculture Flooding Assistance Program – Voluntary Buy-Out Program, which provides an option for Shoal Lakes Complex producers to sell their flooded property and/or farm unit to government. In 2012/13, 47 land purchases were made compared to six in 2011/12.

## Appendix B

### Manitoba Agriculture, Food and Rural Initiatives

### Reconciliation Statements

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#### Part A - Operating

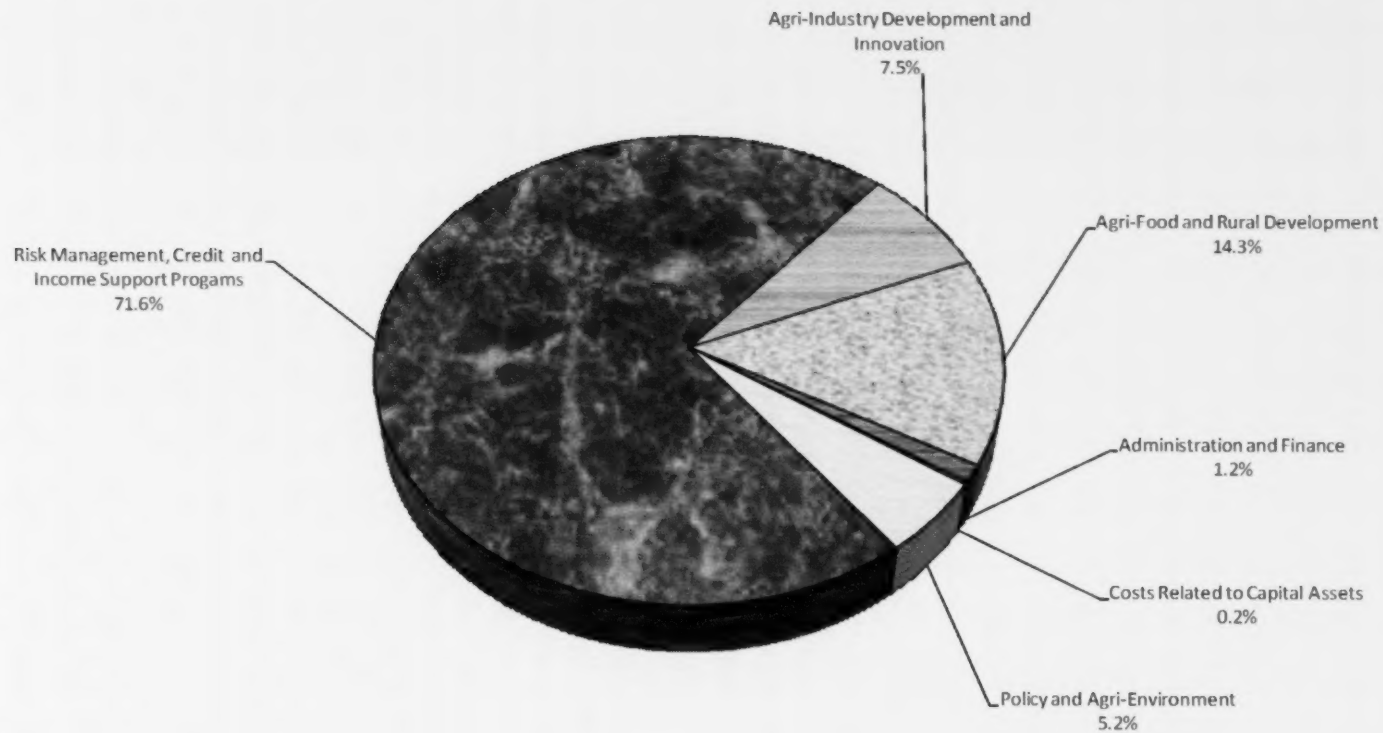
DETAILS	2012/13 ESTIMATES \$(000's)
2012/13 MAIN ESTIMATES - PART A	226,988
MAIN ESTIMATES AUTHORITY TRANSFERRED FROM: Enabling Appropriations <ul style="list-style-type: none"> <li>Internal Service Adjustments</li> </ul>	145
2012/13 ESTIMATES	227,133

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#### Part B - Capital Investment

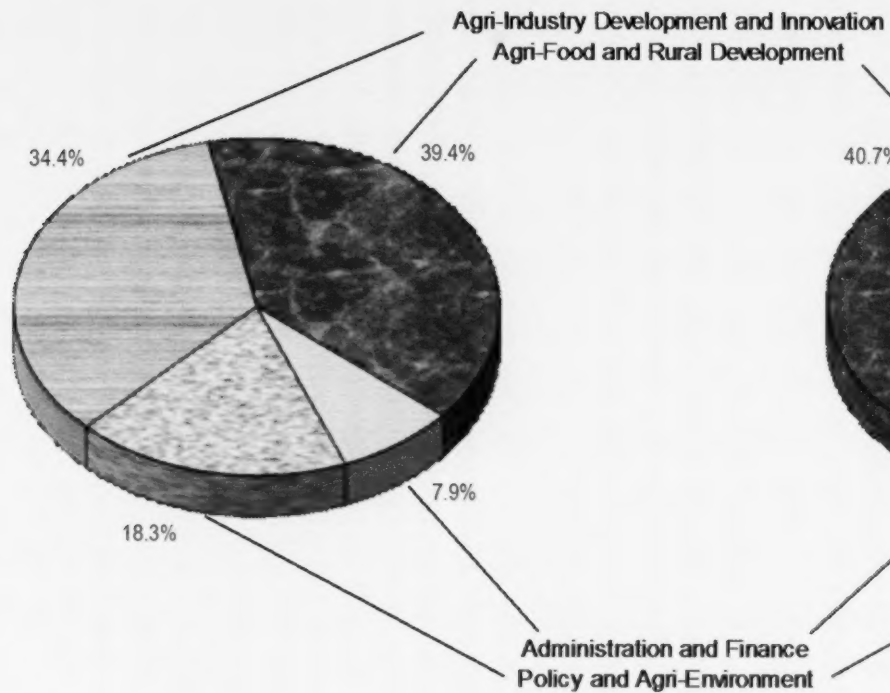
DETAILS	2012/13 ESTIMATES \$(000's)
2012/13 MAIN ESTIMATES - PART B	250
MAIN ESTIMATES AUTHORITY TRANSFERRED FROM : Enabling Appropriations <ul style="list-style-type: none"> <li>Internal Service Adjustments</li> </ul>	10,493
2012/13 ESTIMATES	10,743

**Appendix C**  
**Manitoba Agriculture, Food and Rural Initiatives**  
**Distribution by Main Appropriation**  
**2012/13 Expenditures**

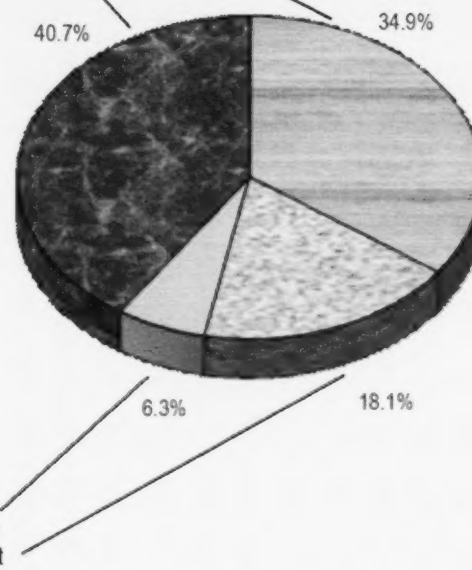


**Appendix D**  
**Manitoba Agriculture, Food and Rural Initiatives**  
**Percentage Distribution of Salaries & Employee Benefits**  
**And Full Time Equivalents - 2012/13**

**Salaries & Benefits**



**Full Time Equivalents**





## Appendix E

### Manitoba Agriculture, Food and Rural Initiatives

#### Revenue Summary

for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

Actual 2012/13	Actual 2011/12	Increase/ (Decrease)	Expl. No.		Actual 2012/13	Estimate 2012/13	Increase/ (Decrease)	Expl. No.
<b>CURRENT OPERATING PROGRAMS:</b>								
<b>Government of Canada:</b>								
-	-	-		Rabies Indemnity	-	2	(2)	
48	109	(61)	1	Agricultural Income Stabilization	48	99	(51)	6
1,142	1,314	(172)		Food Safety Initiative	1,142	1,289	(147)	
443	462	(19)		Soil Survey Program	443	425	18	
700	4,844	(4,144)	2	Manure Management Financial Assistance Program	700	6,372	(5,672)	7
145	335	(190)	3	Bifrost Excess Water Management Initiative	145	145	-	
-	133	(133)	4	Agri-Recovery - Avian Influenza	-	-	-	
(2,277)	72,210	(74,487)	5	Agri-Recovery - 2011 Excess Moisture Programs	(2,277)	-	(2,277)	5
133	129	4		Agri-Flexibility - National Meat Hygiene Pilot Program	133	-	133	8
334	79,536	(79,202)		Sub-Total	334	8,332	(7,998)	
<b>Other Revenue:</b>								
3,029	2,636	393		(a) Fees	3,029	2,884	145	
156	164	(8)		(b) Sundry	156	47	109	9
3,185	2,800	385		Sub-Total	3,185	2,931	254	
3,519	82,336	(78,817)		Total Department Revenue	3,519	11,263	(7,744)	

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## Appendix E

### Manitoba Agriculture, Food and Rural Initiatives

#### Revenue Summary

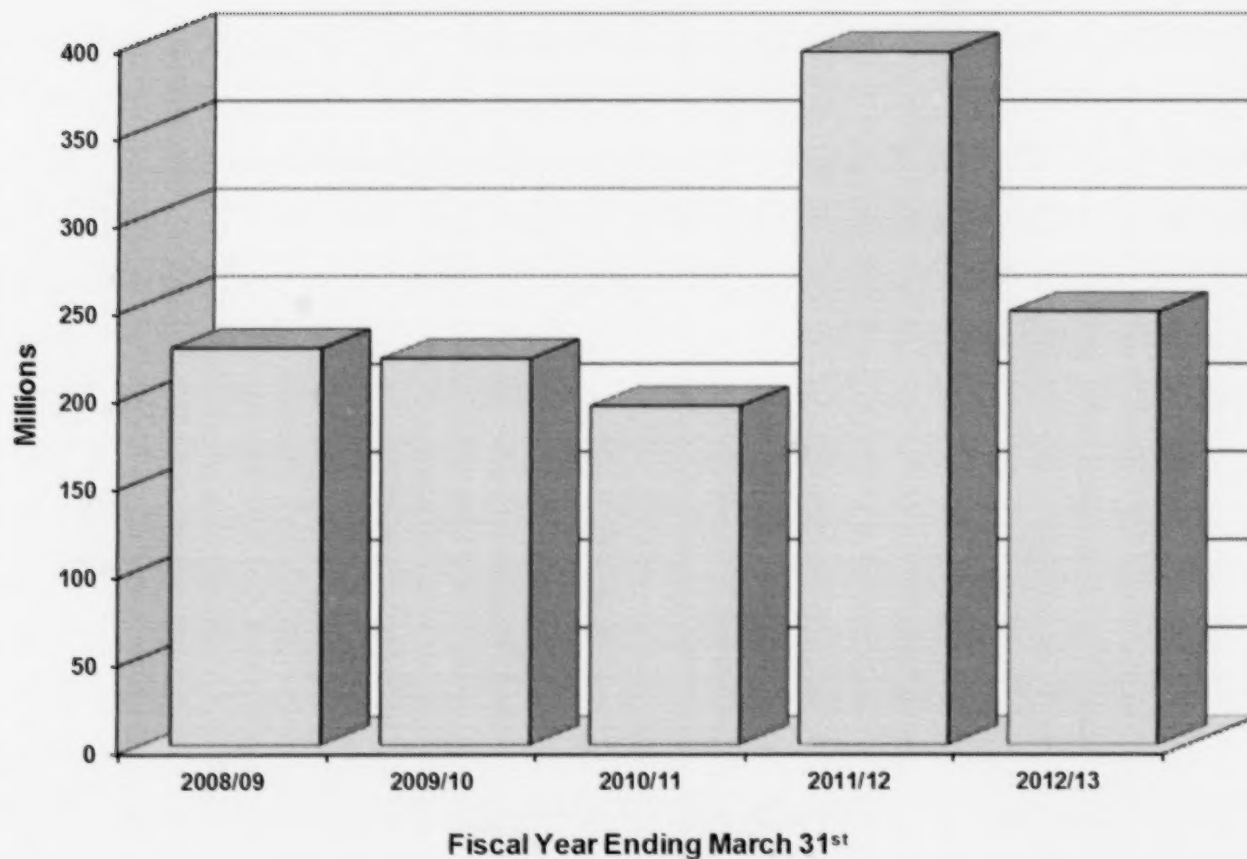
for the fiscal year ended March 31, 2013 with comparative figures for the previous fiscal year (\$000s)

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#### **Explanations:**

1. *The decrease is mainly due to a 2011/12 adjustment to include a recovery from the Government of Canada for the federal share of a one-time feasibility study.*
2. *The variance is primarily the result of prior year adjustments to reflect actual costs of 2011/12 manure treatment projects, which are recoverable from Canada.*
3. *The variance represents the difference in maximum annual federal contributions for the Bifrost Excess Water Management Initiative to address water management issues in the RM of Bifrost.*
4. *The decrease relates to the one-time recovery of Canada's share of financial assistance provided to turkey producers to recoup remediation costs following the November 2010 outbreak of avian influenza.*
5. *The Province recorded a total of \$72.2M in 2011/12 revenue from Canada to reflect contribution agreements to cost-share anticipated expenses incurred for 2011 Excess Moisture programs, including the Excess Moisture/Unseeded Acres, Forage Shortfall Assistance, Transportation Assistance and Forage Restoration components of the program. An adjustment of \$(2.3) million was recorded in 2012/13 revenue based on revised program expenses.*
6. *The decrease is primarily related to a combination of staff vacancies and reprioritization of staff time to delivery of 2011 flood related programming.*
7. *The decrease in revenue related to the Manure Management Financial Assistance Program is mainly due to a combination of prior year adjustments to reflect actual recoveries associated with 2011/12 manure treatment projects and fewer requests for manure treatment projects in 2012/13 due to economic pressures in the hog industry, partially offset by changes to the Agri-Flexibility Agreement in 2012/13 to expand the scope of project eligibility.*
8. *The variance reflects Canada's portion of 2012/13 costs associated with the National Meat Hygiene Pilot Program, which provided grant assistance to Winnipeg Old Country Sausage to upgrade and expand its Winnipeg facility to meet federal standards to enable the interprovincial trade of meat products. This revenue source was inadvertently missed in the 2012/13 estimates.*
9. *The increase is mainly due to an unanticipated salary recovery for a departmental employee in an Interchange program with the federal government.*

**Appendix F**  
**Manitoba Agriculture, Food and Rural Initiatives**  
**Five Year Expenditure History**  
**For Years Ending March 31, 2009 to March 31, 2013**



## Appendix G

### Manitoba Agriculture, Food and Rural Initiatives

#### Five Year Expenditure and Staffing Summary by Main Appropriation

for the fiscal years ending March 31, 2008 to March 31, 2012

Actual / *Adjusted Expenditures										
Main Appropriation	2008/09		2009/10		2010/11		2011/12		2012/13	
	FTEs	\$(000's)	FTEs	\$(000's)	FTEs	\$(000's)	FTEs	\$(000's)	FTEs	\$(000's)
3-1 Finance and Administration	31.00	2,329	31.00	2,384	31.00	2,555	31.00	2,580	30.00	2,580
3-2 Policy and Agri-Environment	90.54	8,117	89.00	9,542	89.50	8,541	89.50	14,465	86.50	14,465
3-3 Risk Management, Credit and Income Support Program	-	154,176	-	145,793	-	123,857	-	322,476	-	322,476
3-4 Agri-Industry Development and Innovation	146.53	20,278	147.23	19,028	146.73	18,608	146.73	18,961	166.73	18,961
3-5 Agri-Food and Rural Development	194.61	39,803	196.00	42,061	193.00	38,194	193.00	35,295	194.00	35,295
3-6 Costs Related to Capital Assets	-	537	-	564	-	474	-	487	-	487
Total Departmental Appropriations	462.68	225,240	463.23	219,372	460.23	192,229	460.23	394,264	477.23	394,264

## **Appendix G**

### **Manitoba Agriculture, Food and Rural Initiatives**

#### **Five Year Expenditure and Staffing Summary by Main Appropriation**

for the fiscal years ending March 31, 2008 to March 31, 2012

\* Figures have been adjusted to reflect historical data on a comparable basis during the years under review as follows:

1. *The department was authorized to establish 11.00 FTEs during 2008/09, of which 10.00 FTEs are reflected in 3-4 Agri-Industry Development and Innovation for Farm to Fork Food Safety, Animal Welfare, and Agri-Food Traceability and 1.00 FTE is reflected in 3-5 Agri-Food and Rural Development for Northern Growing Opportunities.*
2. *Effective in 2008/09, actuals have been adjusted to reflect the employer's share of current service contributions (pension liability) from Employee Pensions and Other Costs.*
3. *Effective in 2009/10, 3.00 FTEs as well as related salary and operating expenses for Co-operative Development employees were transferred to the Department of Housing and Community Development. Prior years' actuals have been adjusted accordingly.*
4. *Effective in 2010/11, 5.00 FTEs as well as corresponding salary and operating expenses for human resource employees were transferred to the Civil Service Commission. Prior years' actuals have been adjusted accordingly.*
5. *Effective in 2011/12, funding was transferred to the Department of Innovation, Energy and Mines for Business Transformation and Technology staff as well as technology service contracts. Prior years' actuals have been adjusted accordingly.*
6. *Effective in 2011/12, support for Junior Achievement was transferred to the Department of Children and Youth Opportunities. Prior years' actuals have been adjusted accordingly.*
7. *The department was authorized to establish 18.00 FTEs during 2012/13, which are reflected in 3-4 Agri-Industry Development and Innovation, to establish a Provincial Meat Inspection program.*

## **APPENDIX H - STATUTORY RESPONSIBILITIES OF THE MINISTER OF AGRICULTURE, FOOD AND RURAL INITIATIVES**

The Agricultural Producers' Organization Funding Act  
The Manitoba Agricultural Services Corporation Act  
The Agricultural Societies Act  
The Department of Agriculture, Food and Rural Initiatives Act  
The Agri-Food and Rural Development Council Act  
The Agrologists Act  
The Animal Care Act  
The Animal Diseases Act  
The Animal Liability Act  
The Bee Act  
The Cattle Producers Association Act  
The Coarse Grain Marketing Control Act  
The Community Development Bonds Act  
The Crown Lands Act [section 1, subsection 7.2(2), clause 7.3(2)(c), sections 7.4 to 7.6 and 35; section 4, clauses 5(1)(f), (k) and (l), subsections 5(4), sections 6 and 6.1, clause 7(1)(d), subsections 7(2) to (6), section 7.1, subsections 7.3(1) and (3) to (5), section 10, subsection 13.1(1), sections 14, 16 to 18, 21, 22, subsection 23(3), section 24, subsections 25(1) and (2), and sections 26 to 34.1 insofar as they relate to the administration of Crown lands designated by the Minister of Conservation and Water Stewardship as agricultural Crown lands, including setting fees and rents and issuing work permits but excluding other dispositions]  
The Dairy Act  
The Family Farm Protection Act  
The Farm Income Assurance Plans Act  
The Farm Lands Ownership Act  
The Farm Machinery and Equipment Act  
The Farm Practices Protection Act  
The Farm Products Marketing Act  
The Food Safety Act  
The Fruit and Vegetable Sales Act  
The Horse Racing Commission Act  
The Income Tax Act [sections 11.8 to 11.12]  
The Land Rehabilitation Act  
The Livestock and Livestock Products Act  
The Livestock Industry Diversification Act  
The Milk Prices Review Act  
The Noxious Weeds Act  
The Organic Agricultural Products Act  
The Pesticides and Fertilizers Control Act  
The Plant Pests and Diseases Act [except clause 16(c) as it relates to arborists, and clause 16(i)]  
The Property Tax and Insulation Assistance Act [Part III.1, and section 1 and Part VI as they relate to subjects covered under Part III.1]  
The Seed and Fodder Relief Act  
The Veterinary Medical Act  
The Veterinary Science Scholarship Fund Act  
The Veterinary Services Act  
The Wildlife Act [the portion of clause 89(e) that relates to compensation for damage to crops caused by wildlife as it pertains to big game and migratory waterfowl]  
The Women's Institutes Act

As per Schedule "C", Order in Council 19/2012



## APPENDIX I - Performance Indicators 2012/13

### AGRICULTURE, FOOD & RURAL INITIATIVES

The following section provides information on key performance measures for the department for the 2012/13 reporting year. All Government of Manitoba departments include performance measures in their Annual Reports to complement the financial results and provide Manitobans with meaningful and useful information about government activities and their impact on the province and its citizens.

For more information on performance reporting and the Manitoba government, visit [www.manitoba.ca/performance](http://www.manitoba.ca/performance)

Your comments on performance measures are valuable to us. You can send comments or questions to [mbperformance@gov.mb.ca](mailto:mbperformance@gov.mb.ca).

Manitoba Agriculture, Food and Rural Initiatives (MAFRI) reports annually on six performance indicators. These measures provide the public and the department with both a current snapshot and a trend of that performance measure over a set period of time. The information is important to the department as the indicators provide a high level view and further insight for MAFRI as it undertakes programming and services.

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2012/13 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links(F)
1. The level of diversification within the agricultural sector, by measuring industry segment receipts (does not include government payments).	It is important to recognize shifts in receipts that diversify, rather than consolidate, our agricultural production. Diversification can provide greater economic stability for the sector, farm communities and the overall provincial economy.	Portion of cash receipts by industry segment, 1990 (highlights): Grains and oilseeds: 48.0% Other Crops: 9.2% Hogs: 14.0% Cattle/Calves: 15.0% Other Livestock: 13.8%	Portion of cash receipts by industry segment, 2012 (highlights): Grains and oilseeds: 44.8% Other Crops: 8.4% Hogs: 17.7% Cattle and calves: 8.3% Other Livestock: 11.1%	<u>Steady</u>	Agriculture sectors continue to shift with market directions over time.
2. Farm profitability, by	Farm profitability is important to Manitoba	Total Net Income for Manitoba	Total Net Income for Manitoba farmers (value	<u>Variable</u>	In 2012 total net income

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2012/13 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links(F)
measuring total net income for Manitoba farmers. This measure combines market returns and direct program payments from government.	because of the need to understand market returns being received by producers, and how direct program payments stabilize the sector during periods of market decline. Policy and programming can then be adjusted or further developed to assist the sector in achieving long term profitability.	farmers (value in '000s):  In 2000: \$389,686	in '000s):  In 2012: \$1,012,684	Total Net Income for Manitoba farmers:  2000 - \$389,686 2001 - \$446,411 2002 - \$503,874 2003 - \$452,002 2004 - \$248,245 2005 - \$122,660 2006 - \$321,518 2007 - \$258,988 2008 - \$877,035 2009 - \$543,897 2010 - \$36,641 2011 - \$47,999 2012 - \$1,012,864	improved.
3. On-farm uptake of beneficial management practices, by measuring the percentage of farm operations with environmental farm plans (EFP) completed.	It is important to understand the likelihood of future uptake of beneficial management practices because they are a major component of effective environmental stewardship for the sector.	2005/06 – 3,400 people attended workshops 2005/06 – 1,317 environmental farm plans completed	2012-13: 40 environmental farm plans were completed with 37,293 acres assessed. Of these, 25 producers were new to the program assessing 10,649 acres, while 15 producers returned to renew their EFP, re-assessing 26,644 acres.	<u>Increasing</u>	As of 31 March 2013, 5,972 producers have completed an EFP assessing over 9.3 million acres of MB farm land. EFPs need to be renewed every five years: 490 producers have returned to the program to renew their EFPs, re-assessing over 960,000 acres of farm land.
4. The contribution of value-added agri-food exports to	When there is an increase in the proportion of agri-food exports that are value added, relatively less	Value of "intermediate and consumer processed agri-food exports" in	Value of "intermediate and consumer processed agri-food exports" in 2012: \$2.091 billion (MB)	Increasing over time, but rate of increase has slowed	Manitoba's long term growth rate continues to keep pace with national levels. Exports dropped to the United States

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2012/13 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links(F)
Manitoba's GDP, by measuring the value of "intermediate and consumer processed agri-food exports." Ideally, we want to see this figure increasing over time, and also increase as a proportion of the total agri-food exports.	primary product is being exported and growth in economic value is being provided to the sector and province.  In addition, empowering producers to become part of a value added effort should also strengthen farm profitability for those individuals and communities.	2000: \$1.376 billion (MB) \$12.155 billion (CDN)	\$22.848 billion (CDN)		following the 2008 recession, but have reversed this decline beginning in 2011 and gaining momentum in 2012.
5. Manitoba's progress towards building or maintaining vibrant rural communities, by measuring rural/small town labour force participation rate and unemployment rate.	Vibrant rural communities are important to Manitoba—the ability of Manitobans to find employment or develop successful businesses in rural areas or smaller towns is one of the determinants of whether these communities can maintain their population base. The labour force participation rate is an indicator of the business and entrepreneurial	Statistics Canada Labour Force Survey – Rural Manitoba:  Labour Force (000) in 2001: 229.8  Labour Force Participation Rate in 2001: 65.1 %  Unemployment Rate in 2001: 4.6 %	Statistics Canada Labour Force Survey – Rural Manitoba:  Labour Force (000) in 2012: 264.1  Labour Force Participation Rate in 2012: 68.6%  Unemployment Rate in 2012: 4.6 %	<u>Steady /Increasing-</u>  Statistics Canada Labour Force Survey – Rural Manitoba:  <u>Labour Force (000)</u> 2001 229.5 2002 235.1 2003 240.5 2004 242.2 2005 247.6 2006 245.8 2007 247.4 2008 252.1	Over the period of 2001-2012, the participation rate in rural Manitoba has increased from 65.1% to 68.6% Unemployment in rural and small town areas continues to be low throughout the entire period, and was 4.6 % in 2012.  Immigration to rural areas has increased the total labour force, supporting additional economic development and community viability.

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2012/13 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links(F)
	vitality in rural areas and smaller towns.			2009 255.2 2010 261.6 2011 265.8 2012 264.1 <u>Labour Force Participation Rate</u> 2001 65.1 % 2002 66.3 % 2003 67.3 % 2004 67.2 % 2005 68.2 % 2006 67.2 % 2007 67.2 % 2008 67.9 % 2009 68.1 % 2010 69.0 % 2011 69.5 % 2012 68.6 % <u>Unemployment Rate</u> 2001 4.6 % 2002 4.7 % 2003 4.5 % 2004 4.8 % 2005 4.4 % 2006 3.6 % 2007 3.8 % 2008 3.7 % 2009 4.8 % 2010 4.6 % 2011 4.6 % 2012 4.6 %	
6. The uptake of farm food safety	Consumers are demanding safe food. The ability of individual	In 2007, 6.3% of Manitoba operations had	In 2012, more than 10% of Manitoba farm operations have	<u>Increasing</u>	Participation in on-farm food safety programs

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2012/13 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links(F)
programming by the sector.	producers and entire sectors to compete in domestic and global markets is becoming more dependent on demonstrating that food safety practices are in place and are being followed.	implemented on-farm food safety programs.	<p>implemented on-farm food safety programs.</p> <p>By sector:</p> <ul style="list-style-type: none"> <li>• Chicken: 100%</li> <li>• Eggs: 100%</li> <li>• Potatoes: 100%</li> <li>• Broiler Breeders: 100%</li> <li>• Turkey: 100%</li> <li>• Dairy: 100%</li> <li>• Pigs: 99%</li> <li>• Vegetables: 73%</li> <li>• Sheep: .25%</li> <li>• Grain: .25%</li> <li>• Small Fruit 24%</li> <li>• Cattle: 4.1%</li> </ul>		continues to increase, particularly in the cattle and sheep sectors.

## APPENDIX J

### **The Public Interest Disclosure (Whistleblower Protection) Act**

*The Public Interest Disclosure (Whistleblower Protection) Act* came into effect in April 2007. This law gives employees a clear process for disclosing concerns about significant and serious matters (wrongdoing) in the Manitoba public service, and strengthens protection from reprisal. The Act builds on protections already in place under other statutes, as well as collective bargaining rights, policies, practices and processes in the Manitoba public service.

Wrongdoing under the Act may be: contravention of federal or provincial legislation; an act or omission that endangers public safety, public health or the environment; gross mismanagement; or, knowingly directing or counseling a person to commit a wrongdoing. The Act is not intended to deal with routine operational or administrative matters.

A disclosure made by an employee in good faith, in accordance with the Act, and with a reasonable belief that wrongdoing has been or is about to be committed is considered to be a disclosure under the Act, whether or not the subject matter constitutes wrongdoing. All disclosures receive careful and thorough review to determine if action is required under the Act, and must be reported in a department's annual report in accordance with Section 18 of the Act.

The following is a summary of disclosures received by Manitoba Agriculture, Food and Rural Initiatives and the Food Development Centre for fiscal year 2012/13:

<b>Information Required Annually (per Section 18 of The Act)</b>	<b>Fiscal Year 2012/2013</b>
The number of disclosures received, and the number acted on and not acted on. <i>Subsection 18(2)(a)</i>	<b>NIL</b>
The number of investigations commenced as a result of a disclosure. <i>Subsection 18(2)(b)</i>	<b>NIL</b>
In the case of an investigation that results in a finding of wrongdoing, a description of the wrongdoing and any recommendations or corrective actions taken in relation to the wrongdoing, or the reasons why no corrective action was taken. <i>Subsection 18(2)(c)</i>	<b>NIL</b>



## **APPENDIX K - Sustainable Development Integration**

Under *The Sustainable Development Act*, each department is required to integrate into its annual reporting process information about progress in incorporating sustainable development into its activities.

A sustainable agricultural environment preserves and enhances natural resources while providing maximum economic benefit within such a system of agriculture.

The Principles and Guidelines of Sustainable Development as set out in the act are:

### **PRINCIPLES OF SUSTAINABLE DEVELOPMENT**

#### **1: Integration of Environmental and Economic Decisions**

To meet the intent of the principle, a department would need to ensure:

- a) its economic decisions and activities adequately reflect environmental, human health and social effects, and
- b) its environmental and health decisions, activities and initiatives adequately take into account economic, human health and social consequences.

#### **2: Stewardship**

To meet the intent of the principle, a department would need to ensure:

- a) its plan, policies and decisions ensure the economy, the environment, human health and social well being are managed for the equal benefit of present and future generations, and
- b) its decisions are balanced with tomorrow's effects.

#### **3: Shared Responsibility and Understanding**

To meet the intent of the principle, a department would need to ensure:

- a) it takes responsibility for sustaining the economy, the environment, human health and social well-being and be accountable for its decisions and actions in a spirit of partnership and open co-operation with all Manitobans
- b) its decisions and activities reflect Manitoba's shared common economic, physical and social environment
- c) it understands and respects differing economic and social views, values, traditions and aspirations in its decision making and activities, and
- d) it considers and reflects in its decisions and activities the aspirations, needs and views of the people of the various geographical and ethnic groups in Manitoba, including Aboriginal peoples to facilitate equitable management of Manitoba's common resources.

#### **4: Prevention**

To meet the intent of the principle, a department would need to ensure:

- a) its activities, decisions, and legislation anticipate, and prevent or mitigate significant adverse economic, environmental, human health and social effects, and
- b) have particular careful regard to its decisions and actions whose impacts are not entirely certain but which, on reasonable and well-informed grounds, appear to pose serious threats to the economy, the environment, human health and social well-being.

#### **5: Conservation and Enhancement**

To meet the intent of the principle, a department would need to ensure:

- a) its activities and decisions maintain the ecological processes, biological diversity and life-support systems of the environment
- b) that renewable natural resources are harvested on a sustainable yield basis
- c) that those persons who have been allocated provincial resources make wise and efficient use of them, and
- d) its programs and services enhance the long-term productive capability, quality and capacity of natural ecosystems.

## **6: Rehabilitation and Reclamation**

To meet the intent of the principle, a department would need to ensure:

- a) it actively endeavors to repair or have repaired damage to, or degradation of, the environment, and
- b) that the department builds into its future allocations of and plans for the use of resources the requirement to rehabilitate and reclaim areas and resources which may be damaged.

## **7: Global Responsibility**

To meet the intent of the principle, a department would need to ensure:

- a) it thinks globally when acting locally, recognizing there is economic, ecological, and social interdependence among provinces and nations, and
- b) it works co-operatively, within Canada and internationally, to integrate economic, environmental, human health and social factors in decision-making while developing comprehensive and equitable solutions to problems.

# **GUIDELINES OF SUSTAINABLE DEVELOPMENT**

## **1: Efficient Use of Resources**

To meet the intent of the guideline, a department would need to:

- a) encourage and facilitate development and application and use of systems for proper resource pricing, demand management and resource allocation together with incentives to encourage efficient use of resources, and
- b) employ full-cost accounting to provide better information for decision makers.

## **2: Public Participation**

To meet the intent of the guideline, a department would need to:

- a) use and establish forums which encourage and provide opportunity for consultation and meaningful participation in departmental decision making processes by Manitobans
- b) provide due process, prior notification and appropriate and timely redress for those adversely affected by departmental decisions and actions, and
- c) strive to achieve consensus amongst citizens and the department with regard to decisions affecting them.

## **3: Access to Information**

To meet the intent of the guideline, a department would need to:

- a) improve and refine economic, environmental, human health and social information related to natural resources and the environment, and
- b) provide and promote the opportunity for equal and timely access to its information by all Manitobans.

## **4: Integrated Decision Making and Planning**

To meet the intent of the guideline, a department would need to:

- a) encourage, facilitate, establish and ensure its decision making and planning process are efficient, timely, accountable and cross-sectoral, and
- b) incorporate into its decision making and planning an inter-generational perspective of future needs and consequences.

## **5: Waste Minimization and Substitution**

To meet the intent of the guideline, a department would need to:

- a) encourage and promote, within and outside of the department, the development and use of substitutes for scarce resources where such substitutes are both environmentally sound and economically viable, and
- b) reduce, reuse, recycle and recover the products the department uses in its daily operations and encourage, promote and facilitate the 4Rs in society generally.

## 6: Research and Innovation

To meet the intent of the guideline, a department would need to:

- a) encourage and assist in research, development, application and sharing of knowledge and technologies which further economic, environmental, human health and social well-being.

Manitoba Agriculture, Food and Rural Initiatives (MAFRI) has a broad mandate to serve the agri-food industry and rural and northern communities. Within that mandate, the department has articulated five strategic priorities that focus the department's efforts. These are farm profitability, food and agri-product commercialization, rural economic development, environmental sustainability, and health and wellness. These strategic priorities align with the Principles and Guidelines of Sustainable Development.

The following examples illustrate those actions that have been taken by MAFRI that respond to Principles and Guidelines of Sustainable Development.

App.	Activity/Result	Principle	Guideline
1D	The Supplementary Information for Legislative Review and Annual Report were published and tabled as required under legislation and Ministerial briefing books were co-ordinated and provided.		3, 4
1D	Staff managed five urban and 39 rural government-owned or leased locations throughout the province including the maintenance of up-to-date space allocation records.	1	1
1D	Staff co-ordinated the preparation of the department's annual estimates and all other financial reporting. This included cash flow and variance reporting as well as legislative and regulatory reporting. Reviewed and consolidated departmental year-end reports for submission to Central Finance.	1, 7	1, 4
1D	Staff met with Manitoba Finance to enhance the understanding of the requirements within the Comptrollership Plan and updated various components of the Plan in consultation with administrative officers.	1	1
2A	Authored a draft comprehensive report of the food and beverage processing industry in Manitoba to support future strategy development.	3	4
2A	Conducted a food processing industry web survey, in partnership with Manitoba Food Processors Association, to identify issues faced by food processors in Manitoba. A total of 43 micro to medium sized urban and rural businesses (up to 500 employees) responded to the survey.	3	2
2A	Conducted a focus group study with new business start ups at the Food Development Centre and Growing Forward 2 (GF2) consultation. The study took place with food processing industry leaders and stakeholders to determine how to address major food processing challenges and opportunities through a provincial food processing strategy development and GF2 Programming.	3	2
2A	Provided directions and technical input to the Rural Development Institute (RDI) of Brandon University's "Manitoba Food Processing Research" projects. RDI has completed research that will help understand impacts of regional population changes, job creation and employee retention scenarios on rural Manitoba's food processing enterprises.	7	1, 2, 6
2A	Provided Manitoba input at Board of Canada's regional consultation for their 'Canadian Food Strategy Conference' development.	7	4
2A	Maintained general awareness on the scope and progress of multiple national food strategy development initiatives.	7	4
2A	Provided policy support to the development of Ecological Goods and Services policy instruments and programming through pilot studies.	2, 5	2, 6

	consultation and GF2 program development.		
2A	Provided policy support to the Prairies Regional Adaptation Collaborative (PRAC) research project, which resulted in an improved understanding of climate change adaptive capacity and needs.		4, 6
2A	Provided policy support to MAFRI's climate change adaptation strategy.		4
2A	Provided policy support and analysis in the development of multiple regulations to support the proclamation of the <i>Food Safety and Related Amendments Act</i> . In addition, monitored and analyzed regulatory policy proposals to ensure that the regulations adhere to sound analytical principles.	4	4
2A	Provided policy support on the Federal-Provincial-Territorial (FPT) Meat Hygiene Pilot Project, which seeks to inform and enable local processors to undertake transformations required to comply with inter-provincial meat trade requirements.	3	6
2A	Performed analysis for the development of Manitoba's meat inspection policy for provincially registered slaughterhouses. Provided policy support for drafting meat inspection regulations under <i>The Food Safety and Related Amendments Act</i> .	4	4
2A	Provided policy support and analysis in the development of multiple regulations to support the proclamation of <i>The Food Safety and Related Amendments Act</i> . In addition, monitored and analyzed regulatory policy proposals to ensure that the regulations adhere to sound analytical principles.	4	4
2A	Worked with the federal government, provinces and territories in determining common program goals, reporting and evaluation requirements for Growing Forward 2.	7	
2A	Provided departmental expertise and guidance to the collection and use of program performance measures. Drafted program logic models and assisted in the prioritization of key performance indicators for Growing Forward and AgriFlexibility programs.	5	
2A	Led the preparation of semi-annual and annual performance reports and performance target adjustments for internal management and reporting to Agriculture and Agri-Food Canada.	1	
2A	Developed an audit plan through the Department Audit Committee based on each knowledge center's prioritized system improvement option.	4	
2A	Co-ordinated Management's review and assessment of Growing Forward evaluation recommendations. Drafted Management comments, noting implementation plans and timelines.	2	
2C	Certification contributes to producer-financed research which can be utilized to enhance profitability of the specific crop or livestock sector represented by each of the certified agencies: Manitoba Buckwheat Growers, Manitoba Pulse Growers, Manitoba Canola Growers, Manitoba Sheep Association, Manitoba Corn Growers, National Sunflower Assoc. of Canada, Manitoba Forage Seed, Winter Cereals Manitoba Inc., Manitoba Oat Growers, Manitoba Flax Growers.		6
2C	Certified agencies contributed more than \$1.4 million of producer funds to more than 94 research projects. Several of these projects received matching funds from various sources including MAFRI, Canola Council of Canada, Collaborative Oat Research Enterprise, the Agri-Food Research and Development Initiative and Agriculture and Agri-Food Canada Cereal Research Centre.		6



2C	The Manitoba Farm Practices Protection Board received and investigated one registered complaint in 2012/13. The Board determined that the agricultural operation was utilizing normal farming practices and dismissed the complaint.	3	
2C	The Manitoba Farm Practices Protection Board received a request from an agricultural operation to remove the Board order placed on the operation while it was under previous ownership. The Board denied the request and maintained its order.	3	
2C	The Milk Prices Review Commission established the concept of the "WRAP Add-on". The purpose of the WRAP Add-on is to recognize that milk processors in Manitoba should be allowed to recover from the marketplace environmental stewardship fees associated with approved plans under <i>The Waste Reduction and Prevention Act</i> , to the extent that those environmental stewardship fees relate to milk for which there is a maximum price. The initial WRAP Add-on was set at one cent resulting in an increase to the maximum wholesale and retail price of milk sold in one litre containers.	3	
2D	Staff participated at the Brokenhead River Agricultural Conference where information pertaining to climate change policy was presented and producers' questions were answered.	1, 2, 4, 7	3
2D	Staff led Ecological Goods and Services Pilot projects to investigate new models to support landowners' provision of EG&S: Investment Framework for Environmental Resources pilot and evaluation; development of Dennis Lake conservation auction pilot and evaluation; and investigation into the relationship between land tenure and adoption of beneficial management practices.	1, 2, 4, 5, 6	1, 3, 4, 6
2D	Staff attended several Manitoba Composting Association Corporation and Canola Council of Canada meetings. Staff attended the Soil Conservation Council of Canada (SCCC) board meeting in March 2013 and continued to work with SCCC as they prepared to co-host the 6th World Congress on Conservation Agriculture in Winnipeg, June 2014.	2, 5, 7	3
2D	Staff began demonstration projects on the use of vertical tillage in Manitoba cropping systems. Tillage treatments were completed in fall 2012 and data on crop yield and soil quality will be collected throughout 2013.	2, 3	3, 6
2D	The ADAPTTool developed by the International Institute for Sustainable Development was used to assess the adaptive capacity of Manitoba government agricultural programs related to drought and excess moisture.	3, 5	3, 4, 6
2D	The Inter-Departmental Adaptation Working Group (IAWG) was established and held its first meeting during 2012/13. Revisions were made to the IAWG charter, and a share-point site for sharing information was created.	1, 3, 4, 7	1, 3, 4
2D	Applied investigations continued at extensive feeding sites, some of which date back to 2007. Data were collected on nutrient additions to add accumulation in soil via practices such as bale grazing. A multidisciplinary team collected and extended results and principles to producers and agronomists.	2, 4	1, 2, 3, 5, 6
2D	Staff worked with the University of Manitoba and the Manitoba Livestock Manure Management Initiative to revise phosphorus budgets for each Rural Municipality in agro-Manitoba. Staff worked with industry organizations to promote phosphorus balance on farms. Staff promoted phosphorus balance on livestock farms through a published article in the Western Hog Producer.	2, 4	1, 3

2D	The micronutrients and metals chapter of the Manure Management Planners manual was completed and published on the MAFRI website.	2, 4	3, 5
2D	Staff revised the Commercial Manure Applicator course to accommodate regulatory changes under <i>The Pesticides and Fertilizers Control Act</i> ; and the Manure Regulation that came into effect January 1, 2013. Staff participated in the delivery of the 2013 Commercial Manure Applicators' Course.	2, 4	3, 5
2D	Staff reviewed 290 applications under the Environmental Farm Action Program (EFAP) and 26 applications under the Manure Management Financial Assistance Program (MMFAP). Twenty-seven (27) projects were approved under EFAP for a total grant commitment of \$2.38 million. Seventeen projects were approved under MMFAP for a total grant commitment of \$3.4 million.	1, 2, 3, 4, 5, 6	1, 4, 6
2D	Staff drafted an EG&S policy framework to move EG&S policy forward.	1, 2, 4, 5, 6	2, 3, 4
2D	Staff piloted new and innovative decision tools and delivery mechanisms in order to secure the maximum amount of EG&S from agricultural landscapes with the available budget.	1, 2, 4, 5, 6	1, 4, 6
2D	Soil survey reports were completed in the RMs of Killarney-Turtle Mountain (1:50,000), Blanshard (1:50,000), Ritchot (1:20,000) and Springfield (1:20,000). Report and map preparation occurred in the RMs of Hamiota (1:50,000), Roblin (1:50,000), DeSalaberry and Tache (1:20,000).	1, 5, 6	3, 4
2D	Soil Survey Field work completed in five Rural Municipalities.	1, 3, 5, 6	1, 3, 4
2D	Staff provided support to the livestock industry through participation in Manitoba Livestock Manure Management Initiative board meetings, technical sub-committee meetings, development of request for proposals, review of funding applications and report reviews/revisions.	2	3, 6
2D	Staff chaired the annual meeting of the Manitoba Manure Management Advisory Committee held in Winnipeg in November 2012 and attended (via video conference) the annual workshop and meeting of the Tri-Provincial Manure Management Council held in Saskatoon, February 2013.	2	1, 3
2D	Staff participated in the development of research projects to evaluate three manure treatment systems for phosphorus management on commercial pig barns in Manitoba.	2, 4, 5	3, 5, 6
2D	Staff provided land assessments for three technical review applications. Staff provided Local Government with technical support in the development of the new Technical Review Committee process under the Technical Review Regulation including the development of forms, support documents and calculators.	4, 5	3, 4
2D	Staff organized and delivered a compost training course for Manitoba Conservation and Water Stewardship as well as industry stakeholders, academia, staff and the public.	2, 4, 5	3, 5, 6
2D	Staff worked with landowners and conservation districts to explore the use of market-based instruments (e.g. conservation auctions) for program delivery and utilization of decision tools (e.g. INFFER) in order to secure EG&S from agricultural landscapes in a cost-effective fashion. A survey was also employed to explore the relationship between land tenure and BMP adoption in order to better target BMP adoption programs.	1, 2, 3, 4, 5, 6	1, 3, 4, 6
2D	Staff participated on the Agriculture Greenhouse Gas Program project "Beneficial Management Practices for Greenhouse Gas Mitigation from Agroecosystems, with Emphasis on Cow-Calf Non-confinement	2, 3, 4, 5	1, 3, 6



	Production Systems in Western Canada" being led by the University of Manitoba.		
2D	Staff participated in a Canada-wide project administered by the Prairies Regional Adaptation Collaborative (PRAC) building on the Adaptive Design and Assessment Policy Tool (ADAPTool) pilot project.	1, 5	3
2D	Staff partnered with colleagues in Alberta and Saskatchewan governments to co-ordinate the delivery of an ammonia workshop dealing with the environmental challenges, including climate change, related to ammonia emissions. Staff delivered a workshop on straw management and the benefits of soil carbon at the 2012 Glenlea Soils and Manure Field Day.	2, 4, 5, 6, 7	3, 5
2D	The Fall Soil Moisture Survey was completed during the final two weeks in October 2012. Soil moisture maps were generated and placed on MAFRI's website.	1, 4	3, 6
2D	Maps of Beneficial Management Practices (BMP) adoption under EFAP were developed and presented at Ag Days in Brandon. The poster "Review of Climate Change Projections for Southern Manitoba and Potential Impacts for Agriculture" was distributed at the Brokenhead River Agricultural Conference and other events.		3
2D	Agri-Environment Knowledge Centre staff extended technical principles to producers, developed collaboration and initiated applied research projects.	2, 4, 5	3, 6
2D	Activity achieved through extension activities (previous results).	2, 4, 5	3, 6
2D	Applied investigations into extensive feeding continued to generate data on yield and species composition in forages. Results were extended to producers and agronomists.	2, 5	3, 6
2D	Lessons on soil and nutrient management were delivered to 422 agronomists and producers at the 2012 Crop Diagnostic School in July. Staff organized and presented at Soil Fertility workshops held in Russell and Morris. The 2012 Soil and Manure Management Field Clinic, held at the University of Manitoba's Glenlea Research Station on August 10, was attended by 75 participants ranging from producers, agronomists and livestock company staff to researchers, extension staff, journalists and students.	2, 4, 5, 6	3, 4
2D	A memorandum of understanding with the Canadian Fertilizer Institute and Keystone Agricultural Producers (KAP) regarding 4R Nutrient Stewardship was signed in January at Ag Days by the Ministers of Agriculture Food and Rural Initiatives and Conservation and Water Stewardship. The Implementation Committee devised a work plan and budget for the three years of funding by the Canada Foundation for Innovation (CFI) towards 4R activities in Manitoba which will promote optimized crop production through efficient use of nutrients.	1, 2, 3, 4	1, 3, 5, 6
2D	Staff participated in the Brandon workshop on on-farm surface water management strategies to reduce phosphorus loads to surface water and downstream flooding.	2, 4	1, 3
2D	Field investigations on soil management were completed on an as-needed basis. Soil salinity made up the majority of field calls; however, visits were also conducted to investigate soil compaction and other issues of poor soil structure affecting crop yield.	4, 6	
2D	Staff organized on-farm composting events which were attended by greenhouse owners, landscapers, and gardeners who were interested in purchasing manure-based compost.	1, 2, 4, 5	5, 6
2D	Staff assisted Manitoba Hydro with the construction of the anaerobic digester on a Manitoba dairy farm.	1, 2, 4, 5	5, 6

2D	Staff met with the University of Manitoba (U of M) to discuss the on-farm surface water management program.	2, 4	1, 3
2D	Staff organized and delivered a compost training course for Manitoba Conservation and Water Stewardship as well as industry stakeholders, academia, staff and the public	1, 2, 4, 5	5, 6
2D	Staff assisted farmers with producing compost that complies with the Canadian Council of Ministers of the Environment (CCME) Guidelines for Compost Quality.	1, 2, 4, 5	5, 6
2E*	All activities under the responsibility area of the Land Use Planning Knowledge Centre (LUPKC) fall within the realm of sustainable development. Through sustainable land use planning for both private and Crown lands; efficient management and allocation of Crown land; as well as focusing on dedication to effective rangeland management planning on both private and Crown lands, to enhance and sustain the environment, the mandate of the LUPKC provides protection for sustaining agriculture in Manitoba and facilitates economic development opportunities.		
4A	The Manitoba-Canadian Model Aqua-Farm Initiative was launched in 2008, supported by the Manitoba and federal governments, in co-operation with industry partners. A model farm was constructed as a demonstration and skills development facility as well as commercial farm. It tested and refined trout fish farming on a commercial scale. The project concluded on March 31, 2013 with the expiry of the agreement between the project members. Analysis of two years of fish production and environmental monitoring data is now underway.		6
4A	Collaborated with the U of M on the Growing Forward funded Residual Feed Intake (RFI) Research project.		6
4A	Worked with individual clients, Band Councils and Chiefs to expand existing herds. Three of the four participants in the Manitoba First Nations Marketing Co-operative Inc. are presently expanding their herds.	3	
4A	Worked with a First Nation starting a bison operation. Assisted in developing range management design as well as watering systems and handling facilities.	3	
4A	Participated in a two-day Aboriginal Aquaculture Engagement Initiative Central Region meeting in Saskatoon.	3	
4A	Co-ordinated ongoing educational sessions with the Manitoba First Nations Bison Marketing Station participants.	3	
4A	Conducted biweekly visits to the First Nations Bison Marketing Station, working with the station manager in the areas of marketing, records and bison husbandry. Visits also served to build the confidence of the manager in operating the station and the Ebb & Flow bison herd.	3	
4A	Assisted with the application to form the "Manitoba First Nations Bison Co-operative Inc."	3	
4A	Co-chaired the Manitoba Livestock Manure Management Initiative (MLMMI). Worked with MLMMI and the Prairie Agricultural Machinery Institute (PAMI) to develop a manure separator testing project.	2	
4A	Participated in the Phosphorous Committee with the industry and U of M to discuss research, demonstration and extension needs of the livestock industry. Participation was intended to better manage manure so as to reduce phosphorous losses to the environment and comply with regulatory requirements by 2013.	2	
4A	Presented information on manure application technologies at a manure applicator training course.	2	

4A	Worked with the Manitoba Egg Producers (MEP) Board to develop design criteria to lower costs for solid manure storages. A pole-shed manure storage was constructed with overall construction costs for the storage recorded and compared to typical concrete manure storage.	2	
4A	Completed a field study of phosphorus in dairy wash water. Sampled wash water on 13 farms and produced recommendations on methods of reducing phosphorus content.	2	
4A	A series of Conversation Cafés were held at five locations; Brandon, Dauphin, Steinbach, Stonewall and Winnipeg, during the months of November and December with Veterinary Diagnostic Services (VDS) stakeholders to discuss their current and future service needs. As part of this process, preliminary and post meetings were held with Veterinary Diagnostic Services, Chief Veterinary Office and Livestock Knowledge Centre staff both to participate in the exercise as well as to analyze the results of the consultation sessions. Information obtained at these meetings is being incorporated into a VDS Strategic Management Plan document to be presented in 2013.		2
4A	Implementation of new equipment and technologies such as a tissue processor and Cytospin provided more accurate and efficient diagnoses with less input requirements.		1
4B	MAFRI, through its participation in the FPT Council of Chief Veterinary Officers (CCVO) and the National Farmed Animal Health and Welfare (NFAHW) Council, continues working at the national level to ensure animal welfare policies and programs are consistent with those in other provinces.	2,3,4	4
4B	There are 80 Animal Protection Officers (APOs) located throughout Manitoba who perform inspections and assist the CVO with implementing <i>The Animal Care Act</i> on a contract basis. Manitoba Agriculture, Food and Rural Initiatives (MAFRI) continues offering annual training to APOs to ensure high standards are observed.	2,3,4	4
4B	Manitoba chaired the Premises Identification Technical Solution working group, part of the Industry Government Advisory Committee (IGAC). It successfully fixed the Canadian Cattle Identification Agency (CCIA) system to accept provincial Premises Identification Numbers. This fix was critical as movement reporting could not occur without this.	4	1,4,6
4B	Manitoba is leading the IGAC Data Interoperability Working Group and the IGAC Data Integrity Working Group, in an effort to learn and guide data integrity across Canada.	4	1,4,6
4B	Manitoba participated in the Traceability National Information Portal (TNIP) project with the Canadian Food Inspection Agency (CFIA), the CCIA and Alberta Agriculture and Rural Development (AARD). It successfully brought together traceability information from all these service providers. This is a critical step towards a national traceability system. The department was a key player.	4	1,4,6
4B	Premises Identification (PID) information was used in all disease investigations.	4	1,4,6
4B	Decision Support System for Animal Emergencies (DSSAE) information was used in all disease investigations to track statuses and actions. DSSAE has been utilized between emergencies to track more than 28 disease investigations.	4	1,4,6
4B	The MAFRI Surveillance Network is continually improved and refines its early warning surveillance systems for animal diseases, especially for those reportable under <i>The Animal Diseases Act</i> . This continues to provide early recognition of unusual disease trends so that further investigation can be initiated in a timely manner.	4	1,4,6

4B	MAFRI's Chief Veterinary Office and Veterinary Diagnostic Services continue working in partnership with FPT governments, veterinary colleges and animal health laboratories. Best diagnostics practices are shared for establishing common protocols, especially for major animal diseases that can impact international trade and/or human health.	4	1,4,6
4B	The Geographic Information System (GIS) was used to assist with mapping disease outbreaks and with emergency management. Outputs were used to proactively contact farmers and were also used by decision-makers for emergency response and recovery programs.	4	1,4,6
4B	MAFRI developed the capacity to integrate animal and human health data and analyze this with diverse agricultural, environmental and socio-demographic information. MAFRI was an active participant in the Situational Awareness GIS Co-ordination Group led by Manitoba Emergency Measures Organization (EMO), which is co-ordinating emergency mapping preparedness amongst partnering organizations for Manitoba emergencies.	4	1,4,6
4B	MAFRI partnered with the Canadian Food Inspection Agency (CFIA), Manitoba EMO, Public Safety Canada and Manitoba Health (MH) to host an Avian Influenza table-top exercise early in 2013. The exercise brought together 80 people from more than 25 agencies serving to familiarize partners with the updated AI response plan.	4	1,4,6
4B	MAFRI, as a member of the Canadian Zoning Committee, worked with the West Hawk Lake Zoning Initiative to be able to separate parts of the country during an animal disease outbreak in Canada. West Hawk Lake is a natural zone, as it is the only road from Manitoba to Ontario and can be used to stop movement between the two zones.	4	1,4,6
4B	Twenty-seven (27) turkey flocks were tested for Avian Influenza to allow export to a poultry abattoir in Minnesota.	1,2,3,4	1,4,6
4B	Eleven (11) turkey breeder flocks are on a regular monitoring program for <i>Salmonella spp</i> and <i>Mycoplasma spp</i> . The program allows for regular export of turkey poults to the U.S.	1,2,3,4	1,4,6
4B	Forty-one (41) poultry breeder flocks (35 broiler, six layer) are on regular monitoring for <i>Salmonella spp</i> and <i>Mycoplasma spp</i> . While none of the flocks regularly export, the program allows local producers to have confidence in the health of the chicks they purchase. It has also assisted the layer hatcheries in accessing other provincial markets.	1,2,3,4	1,4,6
4B	Nine (9) elk farms in Manitoba tested 105 farmed elk for Chronic Wasting Disease (CWD), either through on farm mortalities or through slaughter surveillance. The program provides a level of assurance that CWD does not enter Manitoba elk farms. The CWD testing program also tested 300 wild cervids submitted by Manitoba Conservation, from areas of Manitoba adjacent to high risk CWD areas in Saskatchewan.	1,2,3,4	1,4,6
4B	Twenty-four (24) small farm flocks with higher than expected mortalities were tested for Avian Influenza. One of these flocks was identified as having Infectious Laryngotracheitis (ILT), leading to a subsequent disease investigation.	1,2,3,4	1,4,6
4B	Ongoing monitoring of carcass condemnations at provincial abattoirs has allowed for an assessment of health, welfare and food safety issues of locally marketed animals. Abscesses, pneumonia and intestinal disease were the key reasons swine were condemned. Cattle were condemned primarily for welfare reasons, such as emaciation. Poultry condemnations were primarily carcass quality issues that the abattoirs rejected. No specific condemnation predominated.	1,2,3,4	1,4,6
4B	Ongoing monitoring of submissions to VDS is undertaken; a long term plan to effectively utilize this information is progressing with the intent	1,2,3,4	1,4,6



	to produce regular quarterly reports based on syndromes and specific diseases.		
4B	MAFRI continued to promote the eradication of bovine tuberculosis (TB) in the Riding Mountain Eradication Area (RMEA) and is actively working in collaboration with other government agencies and stakeholders through groups such as the TB Task Group, the Expert Working Group and the Senior Officials Forum. A TB Coordinator was hired and has been supported by all stakeholders, including Parks Canada, Agriculture and Agri-Food Canada (AAFC), CFIA, MAFRI and Manitoba Conservation and Water Stewardship (MCWS). MAFRI provides staff resources for on-farm risk assessments and disease investigations for producers.	1,2,3,4	1,4,6
4B	MAFRI continues to support the adoption of preventative food safety programs throughout the food continuum as a means to reduce food-borne risks. Through Growing Forward, \$449 thousand was provided to processors for the implementation of food safety programs in 2012/13.	1,2,3,4	1,4,6
4B	Technical assistance was provided to processors to develop their food safety programs. Fifty-five (55) programs were reviewed by staff.	1,2,3,4	1,4,6
4B	MAFRI developed a customizable basic Good Manufacturing Practices (GMP) guidebook to assist processors to begin the process of developing food safety programs.	1,2,3,4	1,4,6
4B	Food Safety staff participated in seven tradeshow where food safety information was distributed to both industry and the general public.	1,2,3,4	1,4,6
4B	Food safety presentations were delivered at three events attended by the general public.	1,2,3,4	1,4,6
4B	MAFRI is preparing to take over meat inspection services in provincial abattoirs from the CFIA by December 31, 2013. MAFRI is replacing the federal legislative oversight for animal welfare at the time of slaughter with a provincial regulation that is expected to be in force by the time of devolution. Two Regional Meat Hygiene Supervisors and 16 Meat Inspectors are in the process of being hired. One Food Safety Veterinarian was hired.	2, 3, 4, 7	1, 2, 4
4B	Manitoba, Saskatchewan, Alberta and British Columbia have formed the Western Canadian Meat Inspection Network to facilitate a common approach to meat inspection in Western Canada and to leverage each other's resources and expertise.	2, 3, 4, 7	1, 2, 4
4B	A Consultant was employed to provide guidelines for modernization of Manitoba's provincial meat inspection system including regulations.	2, 3, 4, 7	1, 2, 4
4B	Draft regulations under <i>The Food Safety Act</i> and Related Amendments for food processors and abattoirs have been made. Proposed regulations are outcome based and founded on science and food safety risk.	2, 3, 4, 7	1, 2, 4
4B	Consultation will start with stakeholders to assess and revise drafts as required to protect the public good and provide a transparent equitable business environment.	2, 3, 4, 7	1, 2, 4
4B	Amendments to the Food and Food Handling Establishment Regulation are near completion for transition of provincial meat inspection from CFIA to the province.	2, 3, 4, 7	1, 2, 4
4B	Ten (10) animal health investigations were conducted in 2012.	2, 3, 4, 7	1, 4, 6
4B	MAFRI continued to provide food safety training to food processors and related stakeholders in 2012/13; 16 public food safety training workshops were delivered on a variety of food safety topics; four customized training sessions were delivered at food processing facilities; food safety training was provided to almost 700 participants.	2, 4, 7	1, 2, 3

4B	In addition to providing classroom training, additional methods have been used to deliver food safety information to processors.	2, 4, 7	1, 2, 3
4B	Completed a pilot project that demonstrated the benefits of the implementation of a Hazard Analysis Critical Control Point (HACCP) system. Results of the project were shared with industry as a presentation and facility tour.	2, 4, 7	1, 2, 3
4B	Through Growing Forward, Food Safety programs for producers were delivered. Manitoba food processors are able to meet national and international food safety standards and access new markets.	1, 2, 4	2, 6
4B	Six (6) of the 10 disease investigations conducted by the CVO in 2012 were either zoonotic disease or contaminations of animals consumed for food. Rapid disease response into these situations limited the amount of human exposure both to infected animals and to food from infected animals. In all cases, MAFRI worked closely with public health following the One Health approach.	1, 2, 3, 4, 7	1, 4, 6
4B	MAFRI is working with Manitoba Health (MH) and MCWS, to create an interdepartmental mechanism to deal with the four disease programs that CFIA is eliminating this year (rabies, anthrax, anaplasmosis, and chronic wasting disease). By sharing technical resources, program delivery, policy development, and strategic thinking, all three departments can address these issues collaboratively to improve surveillance, prevention and response.	1, 2, 3, 4, 7	1, 4, 6
4B	Five (5) out of 10 disease investigations conducted by the CVO in 2012 were into diseases that can impact livestock productivity and food safety significantly. SE was confirmed on one of two suspect poultry operations. The diagnosis led to a full flock depopulation to prevent infected eggs from going to market. A small hobby flock was identified as having ILT and currently remains under long term quarantine.	2, 3, 4	1
4B	MAFRI provides support for the implementation of food safety programs through the food continuum, from the farm to the sale of food to the consumer. These programs are globally accepted as the foremost means to improve food safety globally.	2, 4	1
4B	Provided assistance to industry to implement HACCP based preventative food safety programs. These programs assist producers/processors to reduce and control biological, chemical and physical food safety hazards.	2, 4	1
4B	MAFRI participates as a member of the Canadian Grain Commission Technical Expert Advisory Committee to develop generic food safety programs and provide technical analysis with the objective of improving grain safety.	2, 4	1
4B	MAFRI partnered with MH to develop and deliver mandatory food safety training to all Folklorama pavilions to ensure food safety remains a priority.	2, 4	1
4B	The FPT Ministers of Agriculture committed to creating a mandatory National Agriculture and Food Traceability System. MAFRI actively participates in the FPT Traceability Task Team (TTT) and Industry Government Advisory Committee on Traceability. MAFRI gave 26 presentations on traceability in the 2012/13 fiscal year regarding the premises identification database as a key component of the agri-food traceability system.		1, 4, 6
4B	There are 5,431 premises identified in Manitoba. Premises identification statistics (June 28, 2013) have increased to 100% of commercial pigs, chickens, eggs, turkeys, dairy and elk.		1, 4, 6
4B	MAFRI's Health Officers under <i>The Public Health Act</i> continue to inspect food processors under this Act until the regulations under the	1, 2, 4	1, 2



	new <i>Food Safety Act</i> are completed. A draft of the new regulations is near completion. MAFRI continues to move this important legislation forward as it is essential for <i>The Food Safety Act</i> to be proclaimed prior to MAFRI assuming responsibilities for meat inspection in the provincial abattoirs.		
4B	There are approximately 450 non-federally registered processing and distribution facilities in Manitoba. MAFRI conducted 365 inspections in 358 facilities in the 2012/13 fiscal year.	1, 2, 4	1, 2
4B	Under Inspection Services, two Agri-Food Inspectors were hired.	1, 2, 4	1, 2
4B	There are 337 dairy farms in the province. The dairy farm inspection program focuses on higher risk premises, and in 2012/13, staff conducted 53 inspections.	1, 2, 4	1, 2
4B	MAFRI is represented on the FPT National Dairy Technical Equivalency Committee, tasked with harmonizing provincial dairy farm inspection programs with the National Dairy Regulation and Code.	1, 2, 4	1, 2
4B	Extensive collaboration continued with MH regarding the harmonization of the food inspection system. This work is essential to meet the Office of Auditor General report recommendations.	1, 2, 4	1, 2
4B	MAFRI continues to work with the joint inspection database with MH (Hedgehog). The database is being continually upgraded to accommodate risk-based inspection.	1, 2, 4	1, 2
4B	MAFRI delivers on-farm and post-farm food safety programs by promoting adoption of certification programs and by inspecting provincially licensed food processors and abattoirs. At the national level, MAFRI participates in the FPT Food Safety Committee, a forum for the development of national food safety standards and is supporting the FPT Ministers of Agriculture three priority areas of focus	1, 2, 4	
4B	Design and implementation of surveillance projects were continued that contribute to the development of baseline data of food safety hazards. This information is also used to design risk-based inspection models.	1, 2, 4	
4B	MAFRI participated in the following national animal health and welfare forums, assuming leadership roles: CCVO working group on antimicrobial use and resistance, National Humane Depopulation working group (which is now attached to the Livestock Market Interruption Strategy), National Farm Animal Care Council Animal Welfare Dilemma of a Market Breakdown Workshop, Canadian Swine Health Board Humane Destruction Centers, Surveillance and Epidemiology Advisory Committee, Provincial/Territorial Working Group on CFIA Rabies Changes, Biosecurity for Canadian Dairy Farms: National Standards Advisory Committee, Centre for Emerging and Zoonotic Disease Integrated Intelligence and Response, Long-term disease management advisory group for Canadian Swine Health Board, Canadian Swine Health Information Network-Western region, National Salmonella Enteritidis working group, Chronic wasting disease advisory group for CFIA, Bovine TB task group, Bovine TB Scientific Review Committee, and CanSwineSurv advisory group	1, 2, 3, 4, 7	1, 4, 6
4B	In the 2012/13 fiscal year, the department conducted 600 animal welfare inspections for 444 cases, resulting in 13 animal seizures (nine food animals, four companion animals) and 49 voluntary surrenders. Three new cases are going to trial and there are six cases before the courts from previous years.	2, 3, 4	1, 4
4B	The Winnipeg Humane Society (WHS) is under contract with MAFRI to handle the animal welfare complaints within the City of Winnipeg and to provide after hours monitoring of the Animal Care Line. The WHS also supports the CVO by providing emergency housing for small animals	2, 4, 7	1, 4

	that are seized.		
4B	MAFRI provided both financial and technical support to the agri-food industry with the goal of ensuring a safe food supply. A farm to fork approach has been adopted to eliminate any weak links in the food continuum.	1, 2, 3, 4	1, 4, 6
4B	The department has implemented a risk based food safety inspection system in 2012 for food producing and distribution establishments to ensure resources are being effectively utilized and focus is being placed on high risk areas of food production.	1, 2, 3, 4	1, 4, 6
4B	The adoption of food safety programs has been increased in both the food production and processing sectors. These programs not only improve food safety but also allow the food industry to remain competitive nationally and internationally.	1, 2, 3, 4	1, 4, 6
4B	Manitoba seeks to create opportunities for Manitoba meat processors by seeking increased opportunities for inter-provincial trade of meat. Through a number of national pilot projects to upgrade selected meat processing plants, a meat facility was chosen by the Common National Meat Hygiene Standard Working Group as Manitoba's pilot project. The plant received \$133.3 thousand in federal funding and \$200 thousand in provincial funding for upgrades in 2012/13.	1, 2, 3	1, 2
4B	MAFRI participates in the National Committee on Antimicrobial Use in Animal Agriculture to help shape national policy and to promote good stewardship in antimicrobial use in animal agriculture. In order to track antimicrobial resistance in Canada, MAFRI participates in the Canadian Integrated Pathogen Antimicrobial Surveillance Team and C-enternet, a Public Health Agency of Canada project that tracks antimicrobial resistance in food. MAFRI is also working with industry and government to improve the monitoring of antimicrobial use and to support programs that deliver seminars on the prudent use of animal health products.	1, 2, 3, 4, 7	1, 2, 4, 6
4B	A request to change regulations to address specific reportable diseases (Anthrax, Rabies), risks associated with introducing a disease, emerging diseases and better disease response tools has been made. It is expected regulatory drafting will begin over the fall of 2013.	1, 2, 3, 4, 7	1, 2, 4, 6
4C	Diagnosis more than 1,206 crop samples for plant diseases, herbicide injury and insect damage and identification of weeds and insects.	1, 4	1, 3
4C	Responded to more than 500 requests for information regarding insects and insect diseases.	1, 4	1, 3
4C	Inspection of 2,800 honey bee colonies and diagnosis on 303 samples for disease.	1, 4	1, 3
4C	Inspection of 67 leafcutting bee operations and diagnosis on 100 samples for diseases.	1, 4	1, 3
4C	Published weekly reports on MAFRI website including Crop Report (in partnership with GO Team staff), Commodity Report, Insect and Disease Report, Fusarium Report, Weekly Weather Report.	1, 4	1, 3
4C	Provided input into the development of the following National Biosecurity Standards: Grain and Oilseeds, Bee, and Potato in partnership with the Canadian Food Inspection Agency, industry, grower associations and other Provincial representatives.	1, 7	1, 3, 4, 5, 6
4C	Sampled 140 Canola fields for disease in the Canola Disease Survey.	1, 4	1, 3
4C	Co-ordinated provincial programs to trap moths of bertha armyworm (76 locations) and diamondback moth (83 locations) and forecast risk	1, 2, 4	1, 3

	of larvae being at economic levels.		
4C	Co-ordinated a survey of grasshoppers and produced a grasshopper forecast for 2013.	1, 2, 4	1, 3
4C	Monitored spread of established, new, and invasive insects in Manitoba and participate in information sharing with the Prairie Pest Monitoring Network.	1, 2, 4	1, 3, 4
4C	Evaluated Manitoba and prairie crop protection needs for Minor Use Pesticide and Emergency Use registration. Presented Manitoba priorities for federal research and evaluation. Applied for emergency use registrations on behalf of the province.	1, 2, 4	1, 4
4C	Worked with AAFC on the 2012 Fusarium Head Blight Survey in Winter Wheat.	1, 4	1, 3
4C	Worked with the Crop Development Centre on the 2012 FHB Survey in Oats.	1, 2, 4	3
4C	Worked with the Manitoba Agri-Health Research Network (MAHRN) to investigate domestic value-chains for soybeans, edible beans, carrots, Saskatoons and sunflowers – focusing on utilization of off grade products.	1, 2, 4	1, 3
4C	Completed technical reviews of proposals for Agri-Food Research and Development Initiatives (five), Agricultural Sustainability Initiatives (three) and Manitoba Rural Adaptation Councils (25).	1, 4	1, 3
4C	Provided recommendations to producers and agri-businesses relating to field, forage, horticulture, organic production, medicinal and industrial crops, pasture and range management systems, weed, insect and disease control and soil fertility.	1, 4	3
4C	Delivered technical presentations at, and actively participated in the organization of, industry workshops at events such as the Manitoba Agronomists Conference, Ag Days, Potato Days, Special Crops Symposium, Direct Farm Marketing Conference and commodity group workshops. Provided training to producers, industry and staff through the Field Crop Diagnostic School, potato field days and other agronomy meetings.	1, 4	1, 3
4C	Provided hands-on training to producers, industry and staff through the Field Crop Diagnostic School, Winter Wheat Survival Workshops potato field days and other agronomy meetings.	1, 4	1, 3
4C	Organized and delivered the Horticultural Diagnostic School in collaboration with the Canada Manitoba Crop Diversification Centre & Assiniboine Community College. There were 94 attendees at the HDS who had influence over 800 acres of vegetable production, over 300 acres of fruit production and over 43,000 sq. ft. of greenhouse production.	1, 6	3, 5, 6
4C	Organized and summarized variety and production research trials.	1	3, 6
4C	Trained four MAFRI staff associated with the Northern Agricultural Program, as well as six industry staff who assist northern communities develop vegetable, fruit and greenhouse production skills.	1, 2, 4	1, 3, 6
4C	In association with Assiniboine Community College, issued 1272 licenses to commercial pesticide applicators, 394 licenses to pesticide retailers and 97 commercial manure applicator licenses.	1, 2, 4	3, 6
4C	The Crop Residue Burning Authorization program issued 321 permits in 2012, balancing farmer practices with the human health of Manitobans. The season was completed with minimal smoke issues.	1, 2, 4	3, 6
4C	Provided weather data that was used to develop maps (actual and percent of normal) for temperature, growing degree days, rainfall and	1, 2, 4	1, 3

	snowfall. Weather data was also used to make pest spray decisions, and predict crop yields and quality.		
4C	Held public consultations on proposed revisions to the Noxious Weed Act	1, 2, 4	2, 3
4D	Eighty-eight (88) trials conducted to assess products and techniques available to support and develop commercial opportunities.	5	5, 6
4D	Ninety-one (91) partnerships developed to facilitate and enhance the development of numerous products and technologies to improve and diversify agricultural production.	5	6
4D	Supported 19 business opportunities to explore new products and technologies.	5	3
4D	Forty-three (43) high-value uses for commodities explored and supported in a number of areas including new and emerging crops, new uses for existing commodities, food and bioproducts.	1	1, 5, 6
4D	Seventy-six (76) trials were conducted to improve primary production systems including variety, cropping systems, screenings, adaptation and fertility. In addition, a large multisite study investigated the interaction of feed utilization with genetics for beef cattle.	1	3, 6
4D	Under the Agri-Food Research & Development Initiative, 43 Manitoba agri-food research projects were approved for \$1.8 million. Partner funding for these same projects by Manitoba producer organizations, small business owners, corporations and non-governmental organizations was \$3.17 million for a total investment of nearly \$5 million.		6
4D	Two (2) multistakeholder consortiums were established; one for hemp research involving 10 locations across Canada and one for excess moisture including the Bifrost Agricultural Sustainability Initiative Committee (BASIC), the University of Manitoba, Agriculture Canada and the East Interlake Conservation District. Alliances have been forged between more than 127 different organizations to carry out strategic innovation projects in Manitoba.	7	6
4D	Nine (9) projects were funded through Manitoba Biomass Energy Support Program (MBESP) for a total of \$300 thousand.	5	6
4D	Twelve (12) projects were undertaken to support the implementation of the provincial and national bioproducts strategy.	5	6, 7
4D	At least 16 businesses were supported through various agri-food research and innovation activities.	7	
4D	Twenty (20) international partners were established through MAHRN.	7	
4D	Forty-two (42) new functional food, bioproduct and biofibre products and practices were supported.	4, 5	5, 6
4D	Thirteen (13) venues were utilized to showcase functional food products supported through agri-food research and innovation programs.	4	2, 6
4D	Seven (7) projects were undertaken to support the commercialization of products and practices related to the bio-economy.	5	5
4D	Two (2) public-private partnerships were developed to support alternative energy and bioproduct opportunities.	7	5
4D	Eleven (11) promotional events and programs were supported to assist the food and bio-product sectors throughout Manitoba.	2	2, 5
4D	Nine (9) businesses were supported with \$300 thousand under MBESP.	5	1, 5
4D	Eight (8) events were supported to promote agricultural science for individuals throughout rural and northern Manitoba.	2	6



4D	Twenty-one (21) new technologies and practices were investigated to support new income streams throughout rural Manitoba.	1	6
4D	Twenty (20) projects undertaken to support climate change adaptation in cropping practices and technology.	1, 4	6
4D	Twenty-three (23) projects completed to examine technologies and practices to improve nutrient management and improve whole farm environmental sustainability.	5	5
4D	Nine (9) businesses supported through the Manitoba Biomass Energy Support Program resulting in approximately 5 thousand tonnes of coal being displaced by biomass fuel.	5	5
4D	Sixty-one (61) applied research trials were conducted to support and advance the sustainability of agricultural production.	1, 5	6
4D	One hundred and seventeen (117) applied research trials were completed to support crop diversification and yield improvement.	5	6
4D	Twelve (12) projects were completed to examine technologies and practices to improve manure and crop nutrient management including phosphate and nitrogen management trials.	5	5, 6
4D	One (1) research program facilitated the introduction of new food safety technology in the poultry processing industry	4	6
4D	Four (4) research programs supported animal health and welfare, two for poultry and one each for beef & dairy cattle.	2, 5	6
4D	Thirty-four (34) new businesses and products were advanced by MAHRN and Prairie Fire Growth Ventures Inc.	4	2
4D	Two (2) businesses were supported in providing new healthy, ready to eat food products.	4	6
4D	Thirteen (13) multistakeholder collaborations were created, focused on developing and commercializing Manitoba food products.	7	2
4D	Changes were made to improve the effectiveness of program delivery, including the use of social media in four projects and other interactive tools to support extension activities.	2, 5	6
4D	Various media outputs including radio, print and email were used to promote events for clients.	2, 5	6
4D	Worked to assess program effectiveness through client consultation using email, phone and in-person discussions.	3	3
4D	Assessed the number of clients reached through head counts at events and client feedback.	3	3
4E	Three (3) provincial events were held (Ranchers Forum, Western Canadian Holistic Management Conference, and Manitoba Conservation Districts Association Conference) with more than 650 attendees. Discussions at these events indicate that producers are interested in adopting sustainable agriculture practices if economically feasible.	1, 2, 3, 4, 5	1, 2, 3, 4
4E	A project on forage restoration resulted in seven sites in flooded areas being set up for long-term demonstration and evaluation.	1, 2, 5, 6	2, 3
4E	Two (2) proponents worked on projects in one watershed, collecting information from producers on land use, agricultural practices, and impact on water quality.	1, 2, 3, 4, 5, 6	1, 3, 6
4E	One (1) project collected information on manure characteristics in a newly designed manure storage facility.	1, 2, 5	1, 3, 6
4E	One (1) project monitored the nutrient status at several sites for up to five years after bale grazing.	1, 2	3, 6
4E	A pilot program collected 340kg of obsolete animal health medications and 74,500 kg of pesticide for proper disposal.	2, 4	3, 5

5A	Two (2) Environmental Farm Plan workshops were held.	3, 4, 5	2, 3, 4, 5
5A	More than 75 herbicide drift investigations were completed by GO staff.	3, 4, 5	2, 3, 4, 5
5A	In support of the Farm Practises Protection board, all requested follow-up visits (to ensure compliance of protection orders) were completed as requested.	3, 4, 5	2, 3, 4, 5
5A	Staff delivered 51 workshops on topics such as Fertility Management, Crop Residue Management, Riparian Management, Water Management, Healthy Environment and Healthy Water.	3, 4, 5	2, 3, 4, 5
5B	More than five thousand clients were made aware of the Agri-business assessment tool to create an action plan for their business.	2	
5B	More than 150 young farmers were reached and supported through initiatives of MAFRI and KAP Young Farmers. This included the Young and Beginning Farmers Conference, discussion groups, governance opportunities and business management skills development.		2
5B	More than 18 new and/or revised farm management tools and resources were developed and made available to farm managers across Manitoba through the MAFRI website, webinars, workshops and conferences. These included resources such as "Human Resource Management for Farm Business in Manitoba", "A Legal Guide to Farm Estate Planning", "A Legal Guide to Plan Farmland Ownership", and "Gaining Ground-Agribusiness Assessment".	2	
5B	The Brandon University Rural Development Institute grant provided support to six community outreach research projects, three designated rural research projects, seven community knowledge transfer seminars and support to 15 graduate student projects.		6
5B	Forty-two (42) economic development projects were supported through the Excess Moisture Economic Stimulus Package (EMESP).	6	
5B	Through 14 conferences, community engagement sessions and planning workshops, 535 participants were engaged in board governance, leadership, and strategic planning for their communities and organizations.		4
5B	MAFRI and Manitoba Women's Institute have established a five year funding agreement.		2
5B	The 2006 MAFRI-Manitoba 4-H Council Roles Document continues to provide guiding principles for decision-making in regards to roles and responsibilities in the delivery of the 4-H program.		2
5D	Fifty-four (54) host farms participated in the 2012 Open Farm Day event with 4,600 visitors (versus 44 farms in 2011).	1	2, 3
5D	The Direct Farm Marketing Conference on March 8 and 9, 2013 in Dauphin, MB provided training sessions for 80 participants, about 70% of which were farmers. Topics at the conference included: Marketing on a Shoe String Budget, Building a Brand to Tell Your Story, Pricing for Profit, Fruit Grower Profile – Production and Marketing Insight, Expanding Your Direct Farm Market Beyond U-Pick Innovative Attractions and Promotions.	3	2, 3, 4, 6
5D	Six (6) Manitoba companies increased their skills and abilities to enter new markets through a half-day tradeshow workshop to help them prepare for a 2013 tradeshow in Toronto.	3	2, 3, 4, 6
5D	Hosted three marketing workshops attended by 120 organic producers. Outcomes included: improved knowledge of organic market opportunities for ingredients and value added food products, one-on-one meetings with organic grain buyers and knowledge related to organic forage seed production.	1, 3	2, 3, 4, 6



5D	The Manitoba Consumer Monitor Food Panel administered five surveys during 2012/13 to 4,000 participants. Each survey was completed by approximately 1,600 respondents.	3	2, 3, 4
5D	A <i>Growing an Agri-Tourism Business</i> project was developed to complement the Brandon University Winter 2013 Rural Tourism course. The course explored how farm direct marketing, culinary arts and agri-tourism are impacting the sales of local foods and economic development of farms and rural communities. There were 23 attendees.	3	1, 2, 3, 4
5G	Ten (10) research proposals were prepared concerning the advancement of rural economic development through the Rural Development Institute including; CED Tools: A Prototype as Applied Research; Settlement and Integration of Newcomers In Rural And Smaller Communities In Western Canada; Bringing Broadband to Underserved Rural MB Communities in Need; Creating Rural Connections: Regional Realities and Approaches; Reconciling Regional Initiatives with Local Autonomy; Rural and Remote around the World; Addressing the Inequalities in Rural Areas; Research Responding to Rural Challenges: Locally, Nationally and Globally; Age-friendly Rural and Remote Communities: Development Framework, Challenges, and Opportunities.	7	6
5G	Six (6) community outreach research projects were approved in 2012/13 for: <i>Food Café's: Beginning to Understand the Food Landscape in Brandon</i> , <i>Determination of a System to Propagate Red Osier-Dogwood</i> , <i>Birtle Riverside Park Analysis Project</i> , <i>Determination of the Current Practices Related to Critical Incidents in Manitoba</i> , <i>A Topographic Survey of Camp Hughes</i> , and <i>Asessippi Parkland Business Retention and Expansion Program</i> .	7	6
5G	Manitoba Conservation and Water Stewardship administered REDI funds of \$263.5 thousand for the suppression of the spruce budworm outbreak and to protect the long term wood supply in northwestern and eastern Manitoba.	5	
5G	Rural Economic Development Initiatives (REDI) provided funding of \$2.984 million through the Manitoba Water Services Board for approximately 34 rural communities to develop safe and sustainable water and/or sewage treatment infrastructure.	2,5	6
5G	REDI contributed funding of \$1.165 million through Manitoba Conservation and Water Stewardship to 18 conservation districts for rural and northern communities to install or upgrade water and sewer services and improve environmental and economic sustainability. REDI also provides for the development of new conservation districts to undertake sustainable economic development projects in the areas of soil and water management and habitat enhancement.	2,5	6
5G	Provided \$1.367 million to the Manure Management Financial Assistance Program to support hog production facilities in Manitoba to build additional manure storage capacity in order to eliminate winter application of manure and to repair manure storage structures to reduce the risk of leakage.	1	1,3
5G	REDI contributed \$406.6 thousand in financial assistance to planning districts and municipalities under the Community Planning Assistance Program (part of Manitoba's Livestock Stewardship Initiative) for the preparation of planning by-laws, public involvement in the planning process and the creation of digital parcel mapping to support land use policy and implementation.	2,5	6
5G	Provided \$40 thousand to the St. Boniface Research Centre for a study	7	6

	of the effects of chaga mushrooms and birch tree sap in the treatment of Type 2 Diabetes.		
5G	Contributed \$12.5 thousand to the Fort Whyte Farms Initiative to work with youth from the inner-city to provide experience in agricultural projects. This initiative provided 77 programs, 179 hours of training and employed 15 summer interns including three senior interns who had extended employment terms of 4.5 months. In August 2012, the 'Farm to Fork' Teaching Kitchen was completed to provide training in culinary skills and healthy eating. A total of 850 students from grades 2 and 3 participated in the 'Farm to Fork' School program whose goal is to teach youth about farming and the benefits of living sustainably and eating locally.		6